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DIGGS & BEADLES,

INCORPORATED.

SUPERIOR SEEDS

1913

Tested
and
True.

Branch Store & Warehouse,
1709 EAST FRANKLIN ST.,

Branch Store, (Uptown)

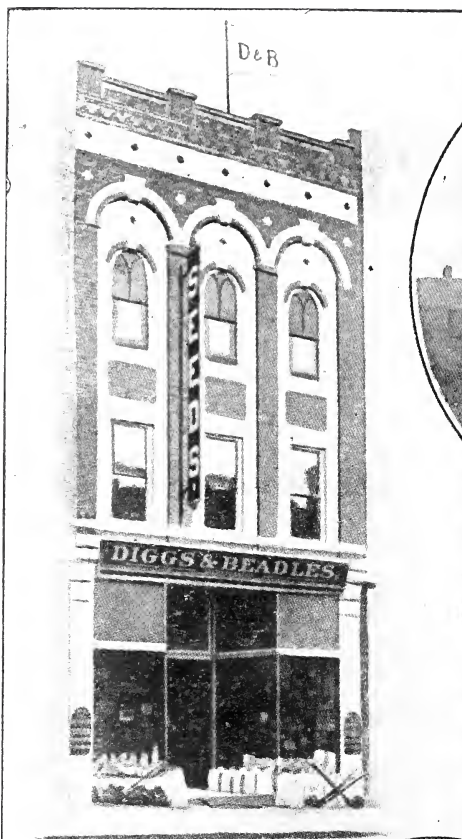
603 and 605 EAST MARSHALL ST.,

General Store and Office:

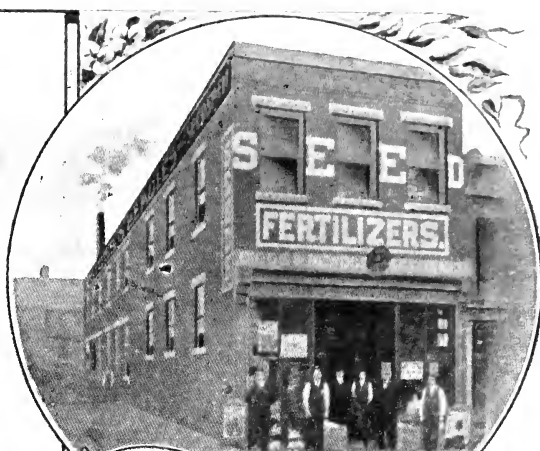
1428 EAST MAIN STREET,

RICHMOND, VA.

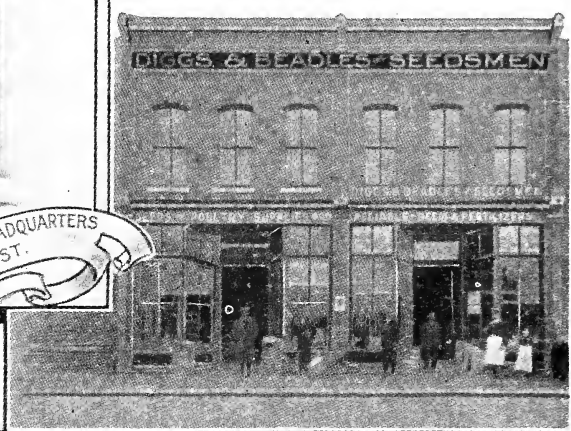
STECHER CO. ROCHESTER, N.Y.



OUR NEW HOME & HEADQUARTERS
1428 E. MAIN ST.



DOWN-TOWN BRANCH STORE & SHIPPING ROOMS
1709 E. FRANKUN ST.



INTERIOR VIEW OF OUR NEW STORE
1428 E. MAIN ST.



UP-TOWN BRANCH STORE
603 & 605 E. MARSHALL ST.

OUR VARIOUS STORES FROM WHICH DIGGS & BEADLES' SUPERIOR SEEDS, TESTED AND TRUE, ARE DISTRIBUTED TO OUR MANY CUSTOMERS.

To Our Friends and Customers

Again we have the pleasure of greeting you through the medium of our annual catalogue, and come to you with sincere and cordial thanks for your liberal patronage during the year just passed. Our business has shown a great increase over any previous year of our career; this we believe has been accomplished by the strict adherence to the rule laid down by us at the foundation of our business, Good Seeds, Good Service, and Square Dealing.

The number of testimonials received from our satisfied customers is most gratifying. It is in truth the grip of friendship, the bond of union between us that makes our efforts worth while, and in launching on this our second decade, we would be most ungrateful, should we not express to you our sincere appreciation of your support, which has enabled us to make our business the success that it is.

It may be needless for us to tell our many permanent customers of the quality of our Seeds, but to those who may receive this catalogue, and have never used our Seeds, we ask a trial order, and we are sure that when you have once given us your patronage, you will become a permanent customer, and on the record of our past, we confidently solicit your orders, assuring you that it will be our pleasure to serve you.

With the wish that your measure of prosperity and happiness may be large and full to overflowing throughout the New Year, we remain.

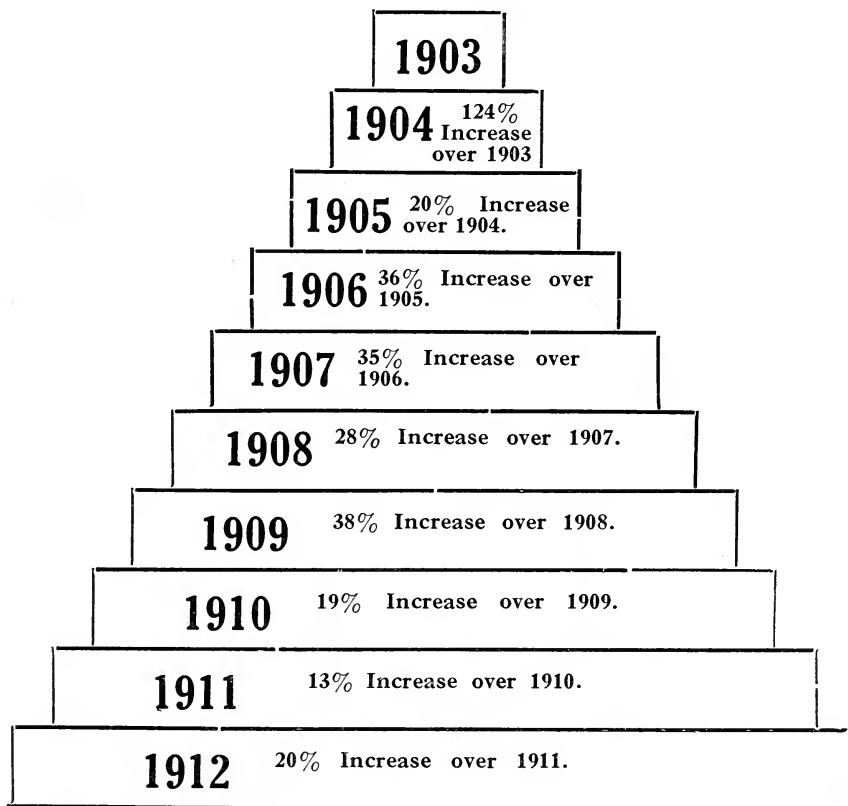
Most cordially yours,

DIGGS & BEADLES, INC.

January 1, 1913.

Our Business Grows

FOUNDED DECEMBER 1st, 1902



333% Increase in Ten Years. Average, 33 1-3% Per Year.

Moral—Good Seeds Grow Good Business.

To Our Correspondents

Important Notes and Suggestions

How to Send Money—Remittances should be made either in the form of an Express Money Order, P. O. Money Order, Bank Draft or Registered Letter. 1c and 2c postage stamps will be accepted for small amounts, provided they are carefully wrapped, so as to prevent sticking. When personal checks are sent, add 10 cents to cover the cost of collecting. Banks now charge exchange on personal checks.

Be Sure to Give Full Name and Address with each order. Every season we get a number of orders without name of sender or Post Office, and the post mark on the envelope is often too obscure to be made out. There is no way of finding out who the senders are; consequently we are blamed, whereas the fault is their own entirely. We therefore beg our correspondents to write their full name and address on each order.

You Run No Risk in sending cash with your order. Our reputation as honest and experienced Seedsmen is well known, while our financial responsibility can be learned of any Bank, Trust Company or Wholesale Merchant, who are subscribers to either of the Commercial Agencies.

Seeds by Mail—The postage rate on Seeds, Bulbs and Plants is not affected by the parcels post law, except that a package weighing 11 lbs. can now be sent by mail, whereas heretofore only 4 lbs. could be sent by mail in one package, but the postage rate on these articles remain as before. REMEMBER, however, we pay postage on seeds sent by mail at our catalog prices on packets, ounces and quarter pounds. When larger quantities are ordered to be sent by mail, add for postage 10c per pound. When quarts are ordered, add 15c per quart on peas, beans and corn, and 10c per quart on Onion Sets.

Seeds by Express—By special agreement the Express Companies will carry Seeds from Richmond to all points at an average rate of about 20 per cent. less than the usual merchandise rate, and a package weighing 5 pounds or less will be delivered to any Express Office in the State of Virginia, for 25 cents when prepaid. Goods wanted C. O. D. by express must have 25 per cent. of the amount accompany the order. We can not ship C. O. D. by freight to points where there is no bank.

Orders from Unknown Correspondents—Customers who have no regular accounts with us will kindly remit the amount with their order, or name business references, as customary before opening new accounts.

We Make No Charge for Drayage or delivery of goods to any railroad station, steamship line or express office in Richmond city proper. Cotton sacks only are charged for at cost. 2½ bushels Cotton sacks are 22 cts. each. All grass seed bags, excepting bags for Timothy, Herds Grass and Clover are furnished free.

Remember—Our packets of seed are large and well filled, and should not be confused with the 2½ cents and 3 cents size packets sold by some dealers.

Change of Address—Should any of our customers change their Post Office address we would be glad if they would advise us.

Errors—Our firm with its money invested, its success and reputation at stake could not permit an error to stand uncorrected. We exercise the greatest care to prevent errors, but human hands and minds must be depended upon which are not infallible, and mails will miscarry, but please remember this, that the complete satisfaction of our customers is our first wish, and if an error is made we are more anxious to correct it than you could be to have us do so, and an opportunity to make restitution is always sincerely appreciated.

It is always very gratifying to us to get a word of praise relative to our Seeds. If you are pleased with them and the handling of your orders, tell us so, if not, tell us anyway, it will be a great help to us.

Prices on Field Seeds, Onion Sets and Potatoes are constantly fluctuating. The prices given in this Catalogue are those ruling January 10th, 1913. But they may change at any time. We will cheerfully quote prices at any time on request, and we will always fill orders entrusted to us at the lowest prices possible for the best quality seeds. It sometimes occurs that the prices of articles may have changed between the time our catalogue is printed and receipt of orders. When such is the case on paid orders, if the article ordered is cheaper, we will send the value of such articles at the ruling prices. If the articles are higher we will deduct the quantity to meet the amount of remittances. We do this to save the delay of correspondence.

About Warranting Seeds—We exercise the greatest possible care in growing or buying, in examining, in testing and in every department of the business to guard against mistakes and insure reliability, and to insure against sending out any but reliable Seeds. We have established and thoroughly equipped a Seed Laboratory for analyzing and testing all the Seeds we send out, and we were most fortunate in securing the services of a thoroughly competent and skilled Seed Analyst and Botanist from the Seed Laboratory of the Department of Agriculture in Washington. We now have an up-to-date Seed Laboratory, unsurpassed for accurate seed testing, both as to purity and germination, and our customers can rest assured that all Seeds purchased from us have been thoroughly and carefully tested, and under ordinary conditions and with proper cultivation will certainly grow good crops, yet no Seedsman can, or ever does in good faith, assume any responsibility for crops grown from Seeds supplied by them, there being too many causes known and unknown which prevent good seeds from germinating. Therefore, in common with all responsible seed houses we sell our goods subject to the following, and all orders sent us will be filled under these conditions only: Diggs & Beadles, Inc., give no warranty, express or implied, as to growth, description, purity, productiveness or any other matter of any Seeds, Bulbs or plants they send out, and they will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms they are at once to be returned.

Farm and Garden Calendar

*Monthly Operations for the Farm and Garden for the Different Months of the Year.
When and What to Sow.*

JANUARY.

Send us your order for Garden Seed. If your hot-beds have not already been prepared, attend to them at once, and sow Cabbage, Lettuce, Beets, Radish, Cauliflower and Onions. Sow hardy Flower Seed in hot-beds for early blooming. Secure manure and cut pea and bean poles. Top-dress grain and grass fields.

FEBRUARY.

Continue top-dressing Grain and Grass fields, Sow in hot-beds or cold frames Cabbage, Lettuce, Beets, Radish, Cauliflower, Onions, Tomato, Egg Plant and Pepper. Latter part of the month sow in open ground Spring Kale, Beets, Spinach, Carrots, Celery, Radish, Parsley, and Early Peas. Put out Asparagus, Horse Radish, and Rhubarb Roots, Onion Sets, hardy Lettuce and Cabbage Plants. Plant Irish Potatoes on high, well-drained soil. Sow Tobacco Seed, Winter Oats, Canada Field Peas, Grass and Clover Seeds.

MARCH.

Sow under glass—Tomato, Pepper, Egg Plant and Flower Seed. Sow outside—Garden Peas, Cauliflower, Cabbage, Lettuce, Beets, Radish, Parsley, Parsnip, Salsify, Carrots, Celery, Asparagus and Onions. Sow Herb Seed in warm borders. Plant Onion Sets, Irish Potatoes, Asparagus, Rhubarb and Horse Radish Roots, Transplant Early Cabbage, Lettuce and Cauliflower plants. Sow Dwarf Essex Rape, Canada Field Peas, Winter and Spring Oats, Grass and Clover Seed. Plant Artichokes for hogs.

APRIL.

Finish sowing Canada Field Peas, Oats, Grass and Clover Seed, Plant Irish Potatoes and Artichokes. Bed Sweet Potatoes. Set out Asparagus, Rhubarb and Onions. Sow Cabbage, Lettuce and Tomatoes in open ground for succession. Sow Beets, Carrots, Celery, Radish, Salsify, Parsnip, Parsley, Spring Kale, Herbs, Mangel Wurzel. Set out Cabbage, Lettuce, Onions and Beet Plants. Sow hardy Flower Seed outside. Plant Early Corn, Garden Peas, Snap Beans. Later in the month plant Cucumbers, Melons, Squash and Peanuts, if weather is favorable.

MAY.

Finish planting early vegetables that were omitted last month. Plant all varieties of Dwarf and Pole Beans, Black-Eye Peas, Cantaloupes and Watermelons, Cucumber, Squash, Okra, Pumpkin and Stock Beets. Sow Tomato and Cabbage Seed for late crop. Set out Tobacco, Cabbage, Lettuce, Cauliflower, Tomato, Egg Plants, Pepper and Sweet Potato Plants. Sow Flower Seed and plant Flow-

ering Bulbs. Plant Sugar and Field Corns, Peanuts and Cotton. Sow Sorghum, Millet, Cow Peas, and all Fodder Plants.

JUNE.

Sow Tomato and Cabbage for late crop. Plant Watermelons, Cantaloupes, Cucumbers, Squash and Pumpkin, Dwarf and Pole Beans, Stock Beets. Sow Millet, Sorghum, Soja Beans and Fodder Plants.

JULY.

For succession, plant Snap Beans, Sugar Corn and Dwarf Lima Beans. Plant Cucumbers for Pickles and Potatoes for late crops. Sow Rutabagas and Turnips. Set out Cabbage and Celery plants. Sow Black-Eye and Cow Peas, Soja Beans, Buckwheat and Millet.

AUGUST.

This is the best month for sowing Turnips, Rutabagas and Winter Radish. Sow Spinach, Kale, Lettuce, Endive and Corn Salad. Sow Snap Beans and Peas for late crop. Sow Crimson Clover, Vetch, Rape, Winter Oats, Rye and Barley for winter grazing. Set out Celery, Lettuce and Cabbage Plants; also put out Onion Sets.

SEPTEMBER.

Sow Lettuce, Early Cabbage and Cauliflower for transplanting. Transplant Lettuce, Cabbage and Celery. Set out Onions, Sow Turnips, Kale, Spinach, Winter Radish, Corn Salad and Endive. Sow Lawn Grass and all varieties of Grasses and Clovers. Sow Winter Oats, Rye, Barley, Rape and Sand Vetch.

OCTOBER.

Finish sowing Cabbage, Lettuce, Turnips for Salad, Kale and Spinach. Sow Lawn Grass Seed. Plant Hyacinths, Tulips and Flowering Bulbs for spring blooming. Finish sowing all varieties of Grass and Clover Seed. Sow Dwarf Essex Rape, Sand Vetch, Oats, Wheat, Rye and Barley.

NOVEMBER.

Set out Cabbage, Lettuce, Strawberry Plants and Asparagus Roots. Plant all kinds of Flowering Bulbs for spring blooming. This is the best month for setting out Fruit and Shade Trees. Finish sowing all varieties of Grain and Grass as early in the month as possible. Sow Canada Field Peas.

DECEMBER.

Early in the month, plant Irish Potatoes and Canada Field Peas, but plant them deep. Cabbage, Radish, Lettuce and Beets can be sown in hot-beds.

Irish Potatoes

GENUINE MAINE - GROWN SEED

One of our firm went to Maine the past fall and had the advantage of inspecting and selecting in person our Seed Potatoes direct from the most reliable growers, and we found that so-called Seed Potatoes could be bought for considerable less than we paid, but many stocks of Potatoes offered us as Seed Potatoes were badly mixed, and we certainly could not have recommended them for Seed purposes to our customers.

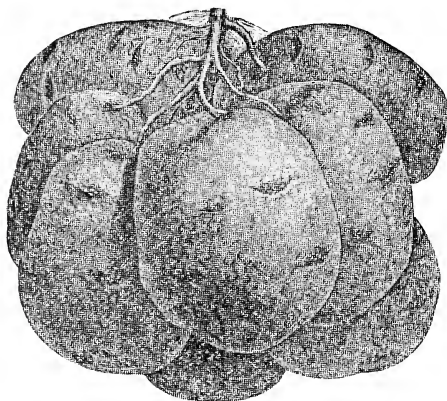
We are aware that so-called Seed Potatoes are being offered at lower prices than we quote, but we are quite sure the best Seed stock cannot be bought at lower price than ours. Our stocks of Seed Potatoes are the best to be obtained and so-called Seed Potatoes offered by many Commission Merchants and Produce Dealers at lower prices are not to be compared with our stocks.

However, the price of Potatoes is constantly fluctuating, and the prices quoted here are the ruling prices January 10, 1913, but we will be glad to quote firm prices at any time on request.

We quote these Potatoes in heavy 11 peck barrel size sacks, but if wanted in barrels the price will be 25c. above the sack prices.

Irish Potatoes should be planted in the spring, as early as the ground can be prepared, in rich soil; rows 3 feet apart, plants 15 inches apart in row. Manure should be well rotted and mixed with soil to avoid scab. For late crops plant from June to August. We advise the use of sulphur on potatoes when planting. Sprinkle powdered sulphur on the cut tubers, which is a preventative of blight and scab. Many of our largest potato planters always use it, with the best results. 1 lb. is sufficient for 1 bushel of potatoes. We can supply this at 5 cts. per lb. Ten lbs. or over at 4 cts. per lb. Barrel prices on application.

D. & B's. EXTRA EARLY EUREKA.



D. & B's. EXTRA EARLY EUREKA.

This Extra Early variety is similar in shape and size to the Irish Cobbler, but is much smoother and of far better quality. The firm white flesh is of good flavor when cooked, the skin is of snowy whiteness and the vines resist drought remarkably well. As a first early potato it is far better than the Irish Cobbler. Potato planters who have grown these potatoes speak of them in the highest praise as a money-maker. Selected Maine grown seed. Pk., 50 cts.; bu., \$1.50; 11 pk. sack, \$3.75.

JAMES CITY COUNTY, VA., March 11, 1912.

The Extra Early Eureka Potatoes ordered from you just received and the stock is fine.

E. S. MEANLEY.

WARWICK COUNTY, VA., March 23, 1912.

The party who saw the Eureka Potatoes you shipped me were so much pleased with them that you will please ship me 2 sacks of them at once, and oblige,

JAMES T. GARROW.

WARWICK COUNTY, VA., July 10, 1912.

All of the Garden and Farm Seeds I purchased from you this spring have proven to be excellent, especially your Irish Cobbler Potatoes and Extra Early Eureka.

I gave your Eureka and Irish Cobbler Potatoes a fair test, and find the Eureka several days earlier, and I think would have made a much larger yield if I had allowed them to remain in the ground until thoroughly matured.

GEORGE H. SYKES.

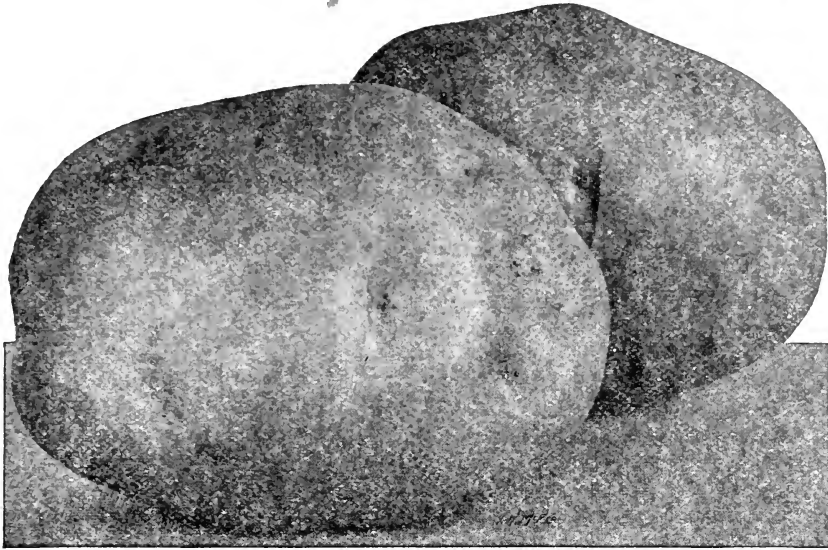
CHESTERFIELD COUNTY, VA., May 26, 1912.

The Eureka Potatoes you sent me were extra fine, and I have a splendid stand on nearly three acres. I planted four varieties of Irish Potatoes this spring, and at this time (May 25th) your Extra Early Eureka Potatoes have outgrown them and promise to be the best early Potatoes yet.

June 1st, 1912.

The Extra Early Eureka Potatoes you shipped me I am digging this week, and am shipping them today. They outyielded the Irish Cobblers, Woods Earliest and Sunlights.

FRED HARVEY.



THE NEW SNOW (WHITE) POTATO.

THE NEW SNOW--The Newest Money Maker.

This new main crop potato originated in Maine, and after repeated trials in various sections of the country has proved itself to be of great value on account of its immense yield, together with the fact that it invariably produces very few small potatoes and is now attracting widespread attention. In shape the Snow Potato is roundish, slightly flattened eyes on the surface; the skin is well netted, which is nature's mark of good eating quality. It has no equal as a baking potato. It is very fine grained and flaky. This wonderful potato is sometimes called the poor man's friend, for it will do the best of any potato grown on poor soil, wherever little care is taken of it, and when given the best of care and fertilization it will repay the planter most bountifully. The Snow Potato is just what the markets desire and will bring fancy prices. You will like this Potato; try it. (As this is a late variety we will not be ready to make shipment until April 10th. Let us book your order; our stock is limited.) Maine grown. Pk., 75 cts.; bu., \$2.00; 11 pk. sack, \$5.25.

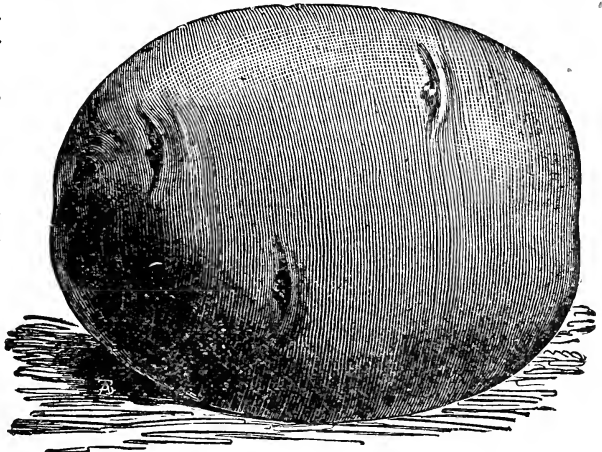
SPAULDING'S NO. 4 ROSE—This is comparatively a new variety similar in shape to the well-known old Early Rose, except that it is smoother and somewhat flatter. Is not quite as early as the Houlton Early Rose, but a larger and better shipping variety; owing to its healthy and robust growth it is becoming very popular in the trucking sections. Maine grown. Pk., 50 cts.; bu., \$1.35; 11 pk. sack, \$3.50.

HOULTON EARLY ROSE—The old reliable, well-known and popular variety. Our stock of this potato is absolutely true to name, and should not be compared with the cheap Western grown stock. Maine grown. Pk., 45 cts.; bu., \$1.30; per 11 pk. sack, \$3.40.

PRIDE OF THE SOUTH, OR WHITE BLISS—One of the earliest and hardest varieties, oblong shape, white skin with pinkish eyes. Maine grown. Pk., 50 cts.; bu., \$1.35; 11 pk. sack, \$3.50.

BLISS TRIUMPH OR RED BLISS—One of the earliest and most prolific varieties. It is nearly round and uniform in shape; beautiful bright red color. Maine grown. Pk., 50 cts.; bu., \$1.35; per 11 pk. sack, \$3.50.

EARLY OHIO—One of the standard early varieties; a full week earlier than Early Rose; oblong in shape and of fine flavor and texture; dry and mealy. Maine grown. Pk., 50 cts.; bu., \$1.35; per 11 pk. sack, \$3.50.



PRIDE OF THE SOUTH POTATO.

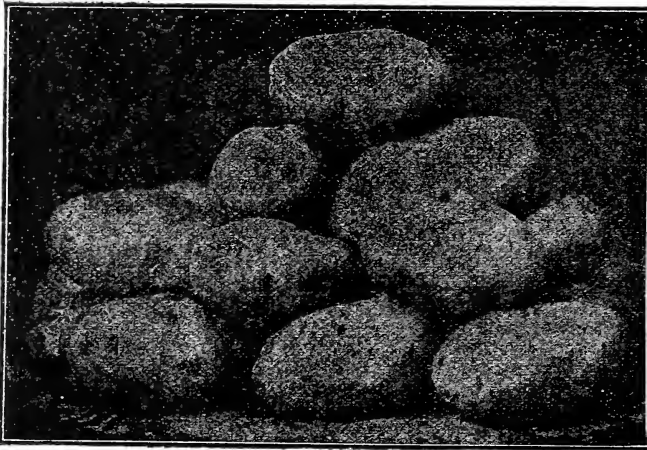
IRISH COBBLER—Is the most popular of the early varieties. It is of handsome cream white color; grows to a large size and has very few small potatoes. It is a vigorous grower and ripens early. Maine grown seed. Pk., 50 cts.; bus., \$1.35; 11 pk. sack, \$3.50.

EXTRA EARLY SUNLIGHT—A beautiful early, pure white Potato of unsurpassed quality and is an abundant yielder on good, light or loamy soil. A most excellent variety for family use and a general favorite. Maine grown; pk., 50 cts.; bu., \$1.35; 11 pk. sack, \$3.50.

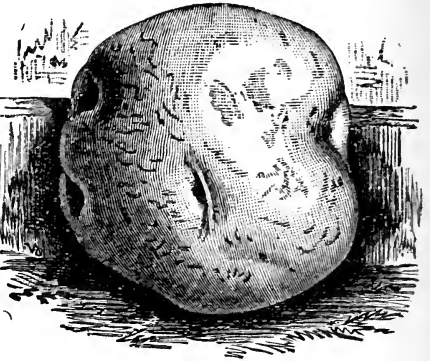
EARLY DEW DROP—A splendid first early, smooth White Potato. Is very productive and of excellent quality. Recommended for either family use or market. Maine grown. Pk., 50 cts.; bus., \$1.35; 11 pk. sack, \$3.50.

EARLY WHITE ROSE—A beautiful large White Potato, similar in shape to the old Early Rose, but is pure white. An excellent yielder and of splendid quality. Maine grown. Pk., 50 cts.; bu., \$1.35; 11 pk. sack, \$3.50.

VERMONT GOLD COIN—This is a beautiful bluish white potato, nearly round. Is a sure cropper and a very productive main crop Potato. It is about 10 days later in maturing than the Irish Cobbler, but is a much better keeper, and is also of better quality. Maine grown. Pk., 50 cts.; bu., \$1.35; 11 pk. sack, \$3.50.



GREEN MOUNTAIN POTATOES.



IRISH COBBLER.

GREEN MOUNTAIN—A large, handsome, pure white potato, for main or late crop; a prolific yielder and invariably of fine eating quality, cooking dry and mealy. It has largely superseded other varieties for late planting. Is also one of the best varieties for main crop, maturing about 3 weeks later than the Irish Cobbler. We will have a nice stock of this variety on cold storage for planting in July. Maine grown. Pk., 45 cts.; bu., \$1.30; per 11 pk. sack, \$3.25.

IMPROVED WHITE PEACH BLOW—One of the old standard and popular varieties; very productive, of good quality and a splendid keeper. Recommended

only for late planting. Virginia grown. Write for prices in June or July.

COLD STORAGE POTATOES.

We will have a nice lot of different varieties of Seed Potatoes, kept on cold storage for late planting. Write for prices in June or July.

Read a few of the unsolicited testimonials from some of our customers who plant our Potatoes.

AMHERST COUNTY, VA., Dec. 16, 1912.

I wish to say to you that I was highly pleased with your Seeds this year, most especially your Irish Potatoes. Your Potatoes are grand. With them I made a better yield than I have ever done before. I will certainly recommend your Seeds to my neighbors, and will deal with you in the future when I need anything.

Wishing your firm much success, I remain,

W. D. KYLE.

CABARRUS COUNTY, N. C., July 11.

The Potatoes came in all right and we are so well pleased with them that you may ship us at once 10 barrels more.

CLINE & MOOSE.

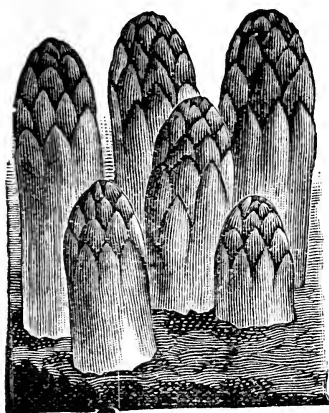
NEW KENT COUNTY, VA., April 3, 1912.

The Potatoes you shipped me received all right, and are in fine condition. Many thanks.

J. W. HOCKADAY.

Vegetable Seeds

Asparagus



ASPARAGUS

CULTURE—Asparagus seed can be sown either in the Spring or the Fall, but we recommend sowing it in the Spring. It should be sown thinly in rows, one foot apart. When it is up give frequent cultivations until plants are one year old, then transplant to permanent beds, and place the roots 16 to 18 inches apart each way with the crown of the root 4 inches below the surface. Use your best soil for Asparagus. You cannot get it too rich, nor can you use too much manure on this crop.

PALMETTO—This is the favorite and the earliest variety grown in the South. It is becoming more popular every year with both market and home gardeners. It is adapted to all sections where Asparagus can be grown. It grows to a large size and is very productive. Oz., 5 cts.; $\frac{1}{4}$ lb., 15 cts.; lb., 40 cts.

COLUMBIAN MAMMOTH WHITE—A very large variety, and stays white as long as it is fit for use, and requires but little artificial blanching. A good variety for general use. Oz., 8 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 50 cts.

CONOVER'S COLOSSAL—The old standard variety, very prolific, tender, and of good quality and flavor. Oz., 5 cts.; $\frac{1}{4}$ lb., 15 cts.; lb., 35 cts.

GIANT ARGENTIEUL—One of the largest French Sorts, and is very popular in trucking sections where it has been grown. Oz., 8 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 50 cts.

ASPARAGUS ROOTS.

The quickest and most satisfactory way to grow asparagus is from the roots. We offer the 2 year old Palmetto Roots at 75 cts. per 100, \$4.00 per 1,000.

ASPARAGUS KNIVES—Very handy and useful for cutting asparagus, each, 40 cts.

Bush Snap Beans

GREEN-PODDED VARIETIES.

Packets of Beans put up to sell at 5 cents, postpaid, contain too small a quantity. We therefore put up *liberal sized* packets at 10 cents, postpaid, preferring to please rather than disappoint. If larger quantities are ordered sent by mail, add 10 cents per pint, 15 cents per quart for postage.

CULTURE—These can be planted with safety any time from April 1st to September 1st. They do better in light, loamy soil, but will thrive well in any good soil. Sow 3 inches apart in the rows, and have the rows $2\frac{1}{2}$ or 3 feet apart. One quart will sow 100 feet of drill, 1 bu. to the acre.

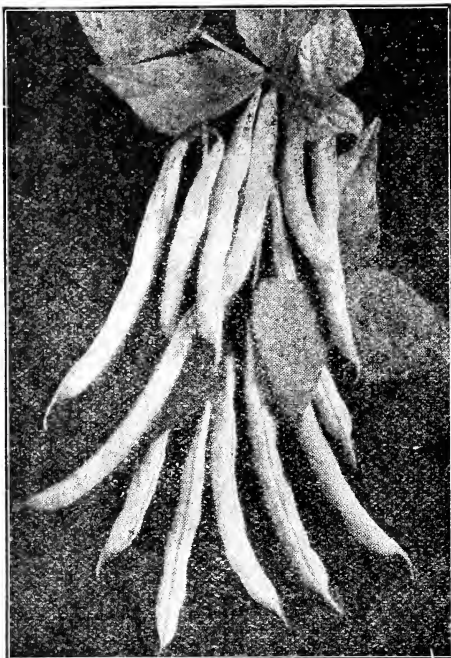
D. & B.'S IMPROVED RED VALENTINE—This is decidedly the most popular bean grown in this section for market gardeners and family use. They are ready to pick 7 weeks after planting. The pods are round, thick and fleshy, of good quality and flavor. Our strain of this bean is a decided improvement over the old speckled Valentine. Pkt., 10 cts.; qt., 20 cts.; pk., \$1.20; bu., \$4.00.



D. & B.'S IMPROVED EARLY RED VALENTINE BEANS.

BURPEE'S STRINGLESS GREEN-POD—This is absolutely a stringless bean, and this quality alone puts it ahead of most table beans. The pods break as short and as free as pipe stems. It is also extra early and of splendid table qualities. One of the best sorts for market gardeners and home use. Pkt., 10 cts.; qt., 25 cts.; pk., \$1.40; bu., \$5.25.

GIANT STRINGLESS GREEN POD—A mammoth podded selection from the original Burpee's Stringless, not quite as early, but fully a third larger than its parent. Pkt., 10 cts.; qt., 25 cts.; pk., \$1.40; bu., \$5.00.



BLACK VALENTINE.

BLACK VALENTINE—An extra early variety, being a week earlier than the Red Valentine. It is black seeded with round pods, very prolific, and is of splendid table qualities. Pkt., 10 cts.; qt., 20 cts.; pk., \$1.20, bu., \$4.00.

EXTRA EARLY REFUGEE—Is ready for the market fully 10 days earlier than the Refugee or 1,000 to 1. It has round pods, and is a good shipping variety. Pkt., 10 cts.; qt., 20 cts.; pk., \$1.20; bu., \$4.25.

LONGFELLOW—A valuable green, round podded variety of the Valentine type, but with longer and straighter pods, very prolific and hardy. It is extra early and destined to become a popular sort. Pkt., 10 cts.; qt., 25 cts.; pk., \$1.25; bu., \$4.50.

BOUNTIFUL—This is an extra early variety, very hardy and healthy. It is entirely rust-proof and continues bearing longer than most other sorts. It has flat pods, and is, as its name indicates, a truly bountiful yielder. Pkt., 10 cts.; qt., 20 cts.; pk., \$1.20; bu., \$4.25.

EARLY YELLOW SIX WEEKS—An extra early, vigorous and hardy variety for earliest plantings; long, full-meated flat pods of good quality. Pkt., 10 cts.; qt., 20 cts.; pk., \$1.10; bu., \$4.00.

EARLY MOHAWK OR BROWN SIX WEEKS—

An old-time favorite, a very early and productive variety; has long, rather flat pods, and will stand more cold than any other variety we know of. Pkt., 10 cts.; qt., 20 cts.; pk., \$1.10; bu., \$4.00.

REFUGEE OR 1,000 TO 1—Pods are perfectly round and straight. Is very hardy, and an immense yielder, but is especially recommended for late planting. Pkt., 10 cts.; qt., 20 cts.; pk., \$1.25; bu., \$4.50.

HODSON GREEN POD—A very hardy and healthy bean of recent introduction, is a good yielder and entirely stringless when young. An excellent variety for main crop. Pkt., 10 cts.; qt., 25 cts.; pk., \$1.20; bu., \$5.25.

WAX-PODDED VARIETIES.

PROLIFIC BLACK WAX—The most popular Wax variety for home use. The pods are round and brittle and of buttery flavor when cooked. Pkt., 10 cts.; qt., 25 cts.; pk., \$1.40; bu., \$5.25.

IMPROVED DWARF GOLDEN WAX—An early variety with pods of rich golden color. A good variety for the home garden. Pkt., 10 cts.; qt., 25 cts.; pk., \$1.50; bu., \$5.50.

HODSON WAX—A sturdy grower, is free from rust and blight. The plants are heavily loaded with long, straight, handsome pods, averaging about 7 inches in length, while the color is a clear bright yellow, making them a very attractive seller for the market gardener, while the fine table qualities will render it of special value to the family garden. Pkt., 10 cts.; qt., 25 cts.; pk., \$1.35; bu., \$5.00.

DAVIS KIDNEY WAX—A first early rust-proof variety, very productive, with the most handsome pods of all wax sorts. A valuable bean for the market gardener. Pkt., 10 cts.; qt., 25 cts.; pk., \$1.40; bu., \$5.25.



PROLIFIC BLACK WAX BEANS.

RED KIDNEY—A very prolific, hardy variety, for main crop; used mostly as a shell bean, either green or dry, but can be used as a snap bean while very young and tender. Try them. Pkt., 10 cts.; qt., 25 cts.; pk., \$1.25; bu., \$4.50.

CRYSTAL WHITE OR CABBAGE WAX—Distinct, but not strictly a wax bean. Vines large, long and spreading. Pods greenish white, short, curved, round and thick. Very fleshy and brittle. Desirable for pickles. Pkt., 10 cts.; qt., 25 cts.; pk., \$1.35; bu., \$5.00.

POLE OR CORNFIELD SNAP BEANS.

Plant in May, and June in rows 4 feet each way; 5 in a hill. Can be planted in corn or by poles, 8 feet high.



OLD HOMESTEAD OR IMPROVED KENTUCKY WONDER—The earliest pole bean. It is enormously productive. Grows in clusters; has long, crisp, tender pods of bright green color. The most popular pole snap bean. Pkt., 10 cts.; qt., 25 cts.; pk., \$1.40; bu., \$5.25.

WHITE KENTUCKY WONDER OR BURGER'S GREEN POD—Similar to the Old Homestead, but is earlier and covers a longer season of productiveness and a decided improvement on its parent, being white seeded makes it also a splendid white shell bean. Pkt., 10 cts.; qt., 25 cts.; pk., \$1.60; bu., \$6.00.

LAZY WIFE—The pods are produced in great abundance and measure from 6 to 8 inches in length; they are broad, thick, very fleshy and entirely stringless. The pods retain their rich, tender and stringless qualities until nearly ripe, and are unsurpassed in all stages. Each pod contains 6 to 8 round, white beans, which makes excellent winter shell beans. They are late to mature, but are valuable to extend the season. This is an excellent bean. Pkt., 10 cts.; qt., 25 cts.; pk., \$1.40; bu., \$5.25.

FAT HORSE OR WHITE CREASE BACK—Good old-time reliable Pole Bean; plump, stringless "snap" and always a good shell bean. Pkt., 10 cts.; qt., 25 cts.; pk., \$1.40.

RED SPECKLED CUT SHORT OR CORN HILL—Very popular for planting among corn, and will give a good crop, without the use of poles. Pkt., 10 cts.; qt., 25 cts.; pk., \$1.40; bu., \$5.00.

HORTICULTURAL OR WRENS EGG—A prolific and hardy pole bean; makes an excellent shell bean, either green or dry; is also a good snap bean if used while young and tender. Pkt., 10 cts.; qt., 25 cts.; pk., \$1.50.

✻ **SCARLET RUNNERS**—An ornamental variety, producing bright scarlet flowers. The shell beans make an excellent dish. Pkt., 10 cts.; qt., 40 cts.

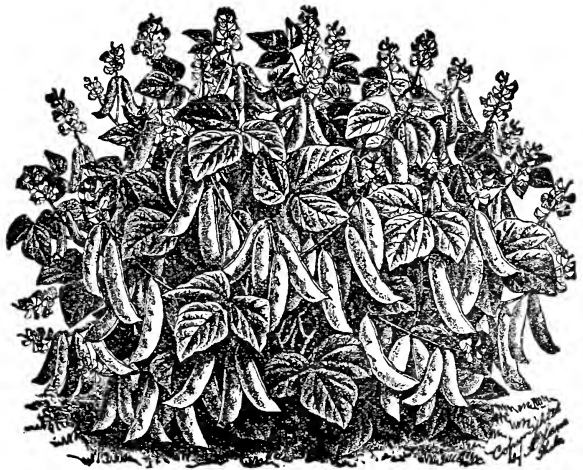
DWARF LIMA BEANS.

Plant in April, May or June, in 3-foot rows, 2 beans every 15 inches, $\frac{1}{2}$ bushel to the acre.

BURPEE'S FORDHOOK BUSH LIMA—A recent introduction of Bush Lima Bean, bearing large pods with 4 or 5 very large beans crowded in the pod. The beans are tender and of good flavor. Plants grow upright 18 to 20 inches high, holding the beans well off the ground. Pkt., 10 cts.; qt., 30 cts.; pk., \$2.00.

BURPEE'S IMPROVED BUSH LIMA—Of enormous size and 8 days earlier than the old Burpee's Bush Lima, and the beans are larger and thicker. Pkt., 10 cts.; qt., 40 cts.; pk., \$1.90.

HENDERSON'S BUSH LIMA—The original well known small Bush Lima. It is early, a large yielder and of good flavor. Pkt., 10 cts.; qt., 25 cts.; pk., \$1.60; bu., \$6.00.



BURPEE'S FORDHOOK BUSH LIMA.

WOOD'S PROLIFIC BUSH LIMA—A very good medium size bush bean. Larger than the Henderson's Bush and not as large as the Burpee's Bush Lima. Pkt., 10 cts.; qt., 25 cts.; pk., \$1.60; bu., \$6.00.

POLE LIMA BEANS.

Plant in April and May, in hills 3 feet apart, and rows 4 feet apart, and set poles 8 feet high in the hills; plant 4 or 5 beans to the hill.

D. & B.'S IMPROVED POLE LIMA—Much larger than the Small Lima and earlier and much more prolific than the Large White Lima. Our stock cannot be surpassed. Pkt., 10 cts.; qt., 30 cts.; pk., \$1.65; bu., \$6.00.

SIEBERT'S EARLY LIMA—The earliest true Lima Bean, and one of the best for the market gardeners. It is very productive, hardy and vigorous, produces pods early and continues bearing to the last of the season. The green beans are of large size, but so tender and succulent that when dry they are about the size of the Large White Lima. Splendid for the home garden. Pkt., 10 cts.; qt., 30 cts.; pk., \$1.65; bu., \$6.00.

SMALL LIMA OR BUTTER BEAN—Earlier and more productive than the Large Lima. Pkt., 10 cts.; qt., 20 cts.; pk., \$1.40; bu., \$5.25.

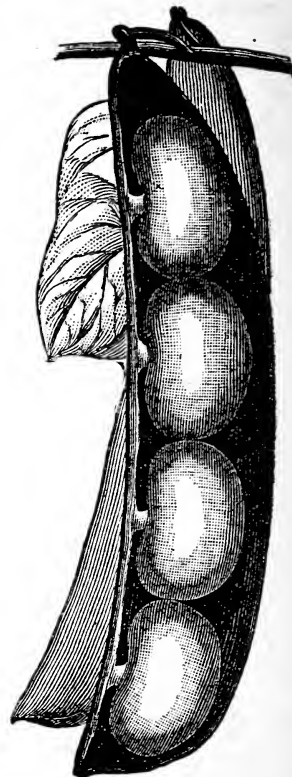
FORD'S MAMMOTH PODDED LIMA—A very large and popular White Lima Bean. Pkt., 10 cts.; qt., 25 cts.; pk., \$1.60.

EXTRA LARGE WHITE LIMA—Large Beans; superior flavor; an improvement on the old Large Lima. Pkt., 10 cts.; qt., 30 cts.; pk., \$1.75; bu., \$6.50.

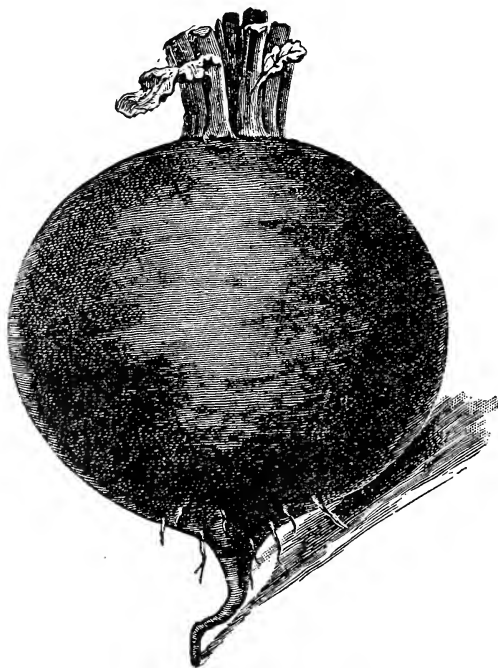
FAYETTE COUNTY, PA., March 20, 1912.

While living in Virginia I bought my Seeds from you and they were certainly good, so I now want to order some Seed from you. Please send me the following.

A. A. MOSER.



D. & B.'S IMPROVED POLE LIMA BEANS.



EXTRA EARLY ECLIPSE.

Table Beets

For very early crop sow in hot beds in January and February and transplant. Sow outside in drills from March to July, as desired, for medium early or late crop. Drills 2 to 3 feet apart. Use a light, clean, free deep soil. One ounce will sow 50-foot drill; 7 pounds to the acre. 5 lbs. and over at 5 cts. lb. less.

FLUVANNA COUNTY, VA., March 26, 1912.

Your Beet Seed are the finest and best I have ever used.

MRS. Z. V. KIE.

EXCELSIOR OR COLUMBIA—Early, attractive shape, blood red, rich and tender; has small tops. Pkt. 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.25.

CROSBY'S EGYPTIAN—Very early strain of the old standard; small tops; good shape; popular with truckers. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.25.

CRIMSON GLOBE—Early, rich crimson; perfect globe; smooth and clean. Very attractive, and a general favorite. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.; lb., \$1.35.

DIRIGO—First in the market, small top, slender stem, skin smooth, flesh dark crimson, crisp and sweet. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., 90 cts.

EDMAND'S EARLY BLOOD TURNIP—Round, good size; dark red; quality good; one of the best for main crop. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., 90 cts.

IMPROVED EARLY BLOOD TURNIP—Dark red; smooth; uniform; a good variety for home use. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.

BASTIAN'S EARLY BLOOD TURNIP—Grows quick and large; bright red. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., 90 cts.

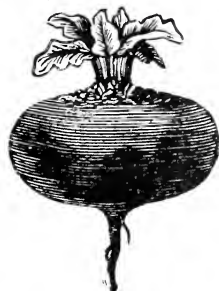
EXTRA EARLY BASSANO OR SUGAR—Light color; sweet, tender and very early. Pkt., 5 cts., oz. 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., 90 cts.

LONG SMOOTH BLOOD—Dark red; good sort for main crop. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 75 cts.

EXTRA EARLY ECLIPSE—The most popular market beet. Globe shaped; dark and tender; very early. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.

EGYPTIAN—A standard extra early variety; a favorite with market gardeners; it is smooth, deep red. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.10.

SWISS CHARD OR SILVER LEAVED BEET—Grown for its leaves and stems only. Cook the leaves as you do spinach and the stems like Asparagus. Leaves grow from 20 inches to 2 feet in length. The plant is almost perpetual if kept trimmed, also good for poultry greens. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.



EARLY EGYPTIAN
BEET.

MANGELS OR STOCK BEETS.

Sow 6 lbs. to the acre in April, May or June, in 3-foot rows and cultivate like corn. Should stand 6 inches apart in the row. 5 lbs. and over at 5 cts. per lb. less.

DANISH IMPROVED—Long, reddish yellow, grows well above the ground and easy to pull. It has been awarded a first class certificate by the Danish Government and is doubtless one of the best mangels. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 75 cts.

WHITE SUGAR—A very hard variety, producing large crops with little care. The root is very large and very rich in sugar and while not sufficiently so for sugar purposes it makes remarkably fine, rich food for stock. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 50 cts.

MAMMOTH PRIZE LONG RED—Very large, sometimes weighing 20 lbs. or more. Oz., 5 cts.; $\frac{1}{4}$ lb., 15 cts.; lb., 30 cts.

YELLOW OR ORANGE GLOBE—Does best in light soils; grows large and keeps well. Oz., 5 cts.; $\frac{1}{4}$ lb., 15 cts.; lb., 30 cts.

GOLDEN TANKARD—Rich, yellow, well shaped, good yielder. Oz., 5 cts.; $\frac{1}{4}$ lb., 15 cts.; lb., 35 cts.

SILESIAN SUGAR—Produces large amount of sugar; and is especially recommended as a sugar or stock beet; very productive; keeps well. Oz. 5 cts.; $\frac{1}{4}$ lb., 15 cts.; lb., 30 cts.

BRUSSELS SPROUTS.

The Sprouts resemble miniature cabbages, growing closely on the stalk of the plant. The leaves should be broken down in the fall to give the little heads more room to grow. They should be treated in all respects like Winter Cabbage or Kale. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.50.

KIMBALL COUNTY, NEB., March 23, 1912.

I lived in Virginia for about 9 years and I used none but your Seeds, and they gave me good results, so I want to plant your Seeds out here.

MRS. A. GREEN.

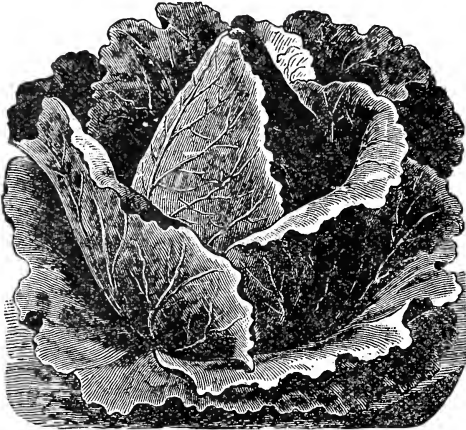
DANISH IMPROVED MANGEL. Please send me the following order.

BEFORE SENDING IN YOUR ORDER

READ CAREFULLY—"Important notes and suggestions" on page 2.

Cabbage

Sow in January, February and March for spring setting; in April to June for late crop. Sow in September for transplanting in November for very early spring crop. Transplant to good, rich, clean soil, in 3 to 4-foot rows, 18 to 16 inches between plants, according to variety, whether large or small growth.



D. & B.'S SELECTED EARLY JERSEY WAKEFIELD.

EARLY YORK—The earliest cabbage; but 15 cts.; $\frac{1}{4}$ lb., 35 cts.; lb., \$1.25.

EXTRA EARLY EXPRESS—Ready for market a week earlier than any other except Early York. Good quality, but not very hard heads. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.; lb., \$1.90.

EARLY FLAT DUTCH—Medium early; large flat, solid heads; a reliable and popular variety. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 45 cts.; lb., \$1.60.

WINNINGSTADT—Medium early. Makes firm, conical shape, hard heads. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 45 cts.; lb., \$1.50.

ALL HEAD EARLY—One of the best second early varieties; large deep heads; solid, uniform, in color, size and shape. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.80.

HENDERSON'S EARLY SUMMER—Solid round heads; comes in just after Charleston Wakefield. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.75.

SOLID SOUTH—A good and very popular summer cabbage. Stands hot, dry weather better than most other varieties. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.50.

HENDERSON'S SUCCESSION—One of the largest and most popular Early Flat Head Cabbages. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.; lb., \$2.00.

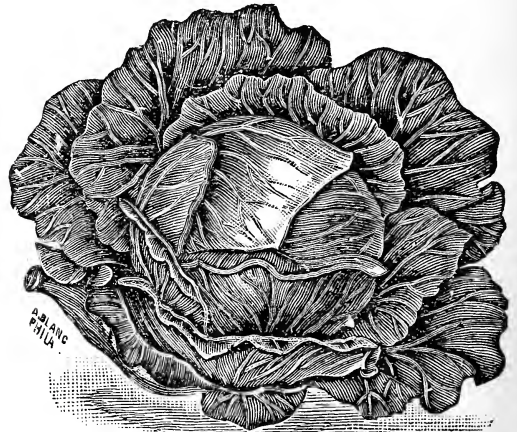
SUREHEAD—One of the best for main crop; solid, medium size, late. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 45 cts.; lb., \$1.50.

D. & B.'S EARLY SPRING—This is acknowledged to be the earliest flat-head cabbage known. Coming in, as it does, with the Charleston Wakefield, and at the same time producing heads almost as large as the Early Summer makes it one of the best varieties for early market. It has a short stem, is a sure header, and can be planted close together. It has proven to be a money-maker for the market gardener. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.; lb., \$1.90.

DIGGS AND BEADLES' SELECTED EARLY JERSEY WAKEFIELD—The most popular early variety for market or family use. Heads hard and solid. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.; lb., \$1.90.

LARGE OR CHARLESTON WAKEFIELD—Not quite as early as Jersey Wakefield, but larger, of uniform size and a solid good shipper. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.; lb., \$1.90.

very small and hard heads. Pkt., 5 cts.; oz.,



D. & B.'S EARLY SPRING CABBAGE.

LOUISA COUNTY, VA., February 5, 1912.

Enclosed herewith I send you my check and thank you very much for your promptness and the satisfactory goods you have sent me.

FRANK C. MORRIS.

BUCKINGHAM COUNTY, VA., April 11, 1912.

The shipment arrived safely and I wish to thank you for your promptness and good Seeds. I will send you another order later on.

CORNELIUS ALLEN.



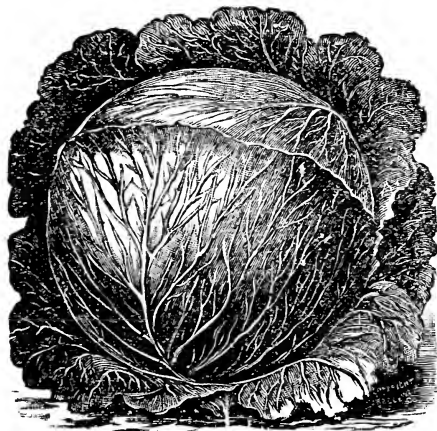
AUTUMN KING, OR WORLD BEATER CABBAGE.

DANISH SUMMER BALLHEAD—The heads of this cabbage are of splendid shape and are ready early in the season. It is very early, very large, very firm and heavy, you will like it. Try them. Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.; lb., \$2.25.

DANISH ROUND HEAD—An earlier, but shorter stem type of the Ballhead, is larger and produces more weight per acre. Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.; lb., \$2.25.

DIGGS & BEADLES' PREMIUM LATE FLAT DUTCH—Popular winter cabbage; large, solid, flat heads. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.60.

LARGE LATE DRUMHEAD—Resembles Flat Dutch, but more round; large, solid; keeps well. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.; lb., \$1.50.

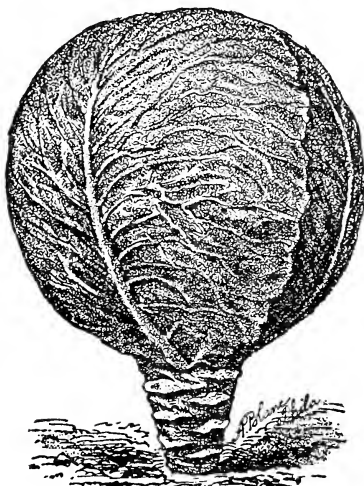


VOLGA CABBAGE.

ALL SEASONS—Equally good for fall, winter and summer; large, solid, round heads; good quality. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.60.

DANISH BALLHEAD—A good variety of winter cabbage. It has a short stem, large head, and is the hardest and heaviest for its size known. It is very hardy, resisting droughts and wet weather much better than our American cabbage. It matures quickly and can be planted later than the larger American cabbages. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.; lb., \$2.00.

AMERICAN DRUMHEAD SAVOY—Very tender; good flavor; large heads of superior quality, with curled leaves. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 45 cts.; lb., \$1.50.



DANISH SUMMER BALLHEAD.

VOLGA—This is one of the most popular varieties for fall and winter crop. It is intended for late planting only. It can be put out later than most other late cabbages and will mature early; of uniformly large, round, hard heads. In our opinion it will become the main crop cabbage within a few years. Try it. Pkt. 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.; lb., \$2.00.

AUTUMN KING, OR WORLD BEATER—This is unquestionably one of the best late cabbages grown in this country. It has been tested along with other varieties, and proven to be not only larger, but more solid, and keeps well. We recommend this cabbage as an excellent fall variety. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.60.

Please send me 1 oz. of your All Season Cabbage Seed. I tried them last year and will not try to find their equal.

MISS SUSIE HAYNES.

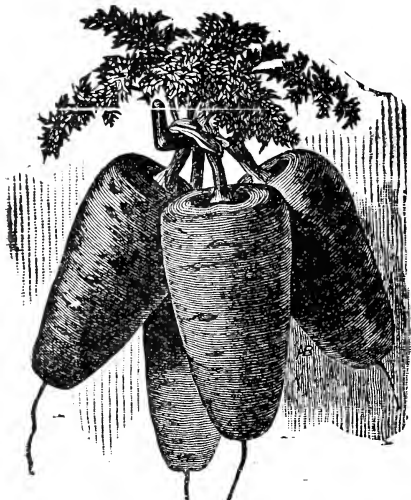
CULPEPER COUNTY, VA., April 8, 1912.

I planted your Autumn King Cabbage last year and have just used the last of them on March 21st. These are the best Cabbage I ever planted.

A. C. GRAHAM.

Carrots

Sow from February to June in light, deep, rich soil in drills 12 inches apart; plants should stand 5 inches apart in the rows; fertilize well. One ounce of seed to 100 feet of drill. 4 pounds to the acre. To keep for winter, pack in dry sand, and place in a cellar.



CHANTENAY CARROT.

CHANTENAY—One of the best for home or market. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.; lb., \$1.25.

DANVER'S HALF LONG—Rich, dark orange colored; good quality. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 45 cts.; lb., \$1.25.

EARLY SCARLET OR SHORT HORN—Early smooth bright orange; solid; does well in shallow soil. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 45 cts.; lb., \$1.25.

SCARLET INTERMEDIATE—Large, uniform, symmetrical; almost without core; very popular for home or market. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 45 cts.; lb., \$1.25.

IMPROVED LONG ORANGE—Long and tapering; deep orange. One of the best for winter use. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.25.

LARGE WHITE BELGIAN—Grown for stock only; enormous size and large yield. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 75 cts.

Celery

Sow in beds in February or March and keep well watered. Transplant from July to October to moist, mucky soil; 6 inches apart in 12-inch rows. Earth up two or three times. Cover with straw from severe weather, with boards on top. One ounce of seed produces 2,000 plants.

WINTER QUEEN—We consider this the best Winter Celery. It blanches easily, has a crisp, nutty flavor; is hardy and a splendid keeping variety. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.75.

GIANT PASCAL—Thick, solid stalks, golden hearts; blanches quickly; keeps well; good flavor; one of the most popular varieties. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.60.

WHITE PLUME—One of the best for early use; handsome, good quality, and blanches easily. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 65 cts.; lb., \$2.25.



WHITE PLUME

Cauliflower

Cultivate like cabbage. Sow in January or February for early crop, or May for late. Transplant to moist soil; mature heavily and water freely. When heading begins fasten leaves over top of head to whiten. One ounce of Seed makes 2,000 plants.

EARLY SNOWBALL—A sure header; large, solid, perfectly white, and good quality, the favorite variety. Pkt., 25 cts.; $\frac{1}{4}$ oz., 65 cts.; oz., \$2.00; $\frac{1}{4}$ lb., \$7.00.

DWARF ERFURT—Second early; solid, pure white heads. Pkt., 15 cts.; $\frac{1}{4}$ oz., 50 cts.; oz., \$1.75; $\frac{1}{4}$ lb., \$5.00.

AUTUMN GIANT—Valuable late variety; heads large, white and keeps well. Pkt., 10 cts.; oz., 40 cts.; $\frac{1}{4}$ lb., \$1.25.

CRESS OR PEPPER GRASS.

Sow curled variety in spring in very rich soil, in drills 12 inches apart. Sow water cress along brooks or in mucky land.

FINE CURLED—Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 15 cts. **WATER CRESS**—Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.

Garden Corn

For early market plant early varieties latter part of March. Sugar corns should not be planted until April, then at intervals of two weeks for a succession. Sugar corn planted in July will mature late roasting ears. Plant 4 to 8 quarts to the acre.

Packets of Corn put up to sell at 5 cents, postpaid, contain too small a quantity. We therefore put up liberal sized packets at 10 cents, postpaid, preferring to please rather than disappoint. If larger quantities are ordered sent by mail, add 10 cents per pint, 15 cents per quart for postage.

EXTRA EARLY ADAMS—Earliest white corn, but has a small ear and stalk. Pkt., 10 cts.; qt., 15 cts.; pk., 85 cts.; bu., \$2.75; per dozen ears, 25 cts.

EARLY ADAMS—About a week later than Extra Early, but has larger ears; small stalks; earlier and hardier than sugar corn. Pkt., 10 cts.; qt., 15 cts.; pk., 85 cts.; bu., \$2.75; dozen ears, 25 cts.

IMPROVED ADAMS EARLY—An improvement on the old variety, being nearly one-third larger and almost as early. Pkt., 10 cts.; qt., 20 cts.; pk., 90 cts.; bu., \$3.00; dozen ears, 30 cts.

TRUCKER'S FAVORITE—A splendid early white corn, coming in directly after Adams' Early, but much larger; has a deep, white, soft grain. Pkt., 10 cts.; qt., 15 cts.; pk., 75 cts.; bu., \$2.75; dozen ears, 30 cts.

SOUTHERN SNOWFLAKE—A beautiful large-ear corn, with deep, soft pure white grains; almost as early as Trucker's Favorite, and grows much larger on medium soil. Pkt., 10 cts.; qt., 20 cts.; pk., 75 cts.; bu., \$2.00; dozen ears, 50 cts.

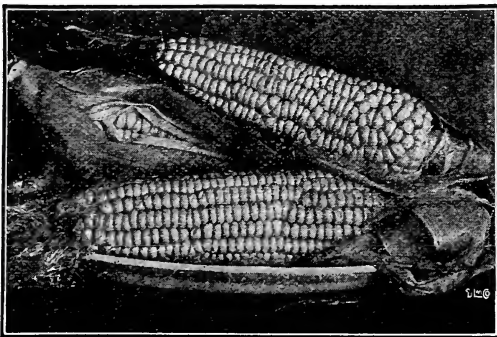
SWEET OR SUGAR CORNS.

EARLY WHITE EVERGREEN CORN—This is a high-bred pure white type of the ever popular Stowell's Evergreen. Market gardeners, canners and all lovers of sugar corn have been long wishing for a white sweet corn as good as Stowell's Evergreen. They can now have it—sweet and tender. When in the green state both cob and kernel are white as snow. Pkt., 10 cts.; qt., 25 cts.; pk., \$1.00; bu., \$3.60.

GOLDEN BANTAM—A distinct variety of Extra Early Sweet Corn of golden yellow color, very sweet and tender; is hardy and can be planted earlier than most sweet corns. Has several ears on the stalk 5 to 7 inches in length. Pkt., 10 cts.; qt., 25 cts.; pk., \$1.25; bu., \$4.25.

PERKINS EARLY MARKET—An extra early creamy white variety. Is perhaps the hardiest early corn. It is not classed as a Sugar Corn, but is remarkably sweet. Ears average from 7 to 8 inches in length and have twelve rows. Pkt., 10 cts.; qt., 20 cts.; pk., \$1.00; bu., \$3.25.

STOWELL'S EVERGREEN—A large size prolific sweet corn of excellent quality. A favorite for market or home use; also a splendid canning variety. Pkt. 10 cts.; qt. 20 cts.; pk. \$1.00; bu. \$3.40; dozen ears, 40 cts



EARLY WHITE EVERGREEN



TRUCKER'S
FAVORITE
CORN.

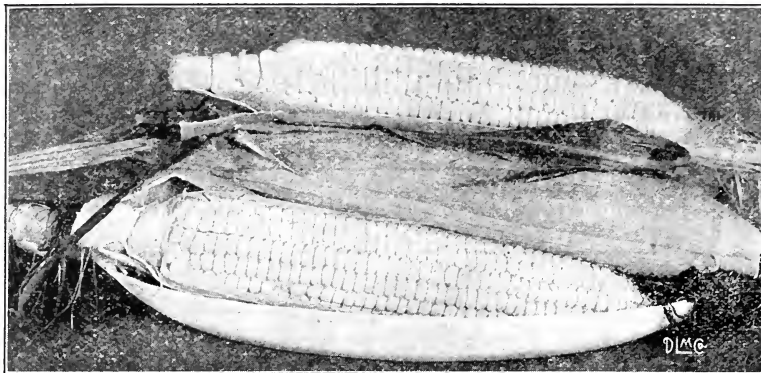
EARLY PREMO—A week earlier and harder than any other sweet corn. Can be planted earlier than other sweet corns without danger of the seed rotting in the ground. The ears are eight to ten rows, and from one to two inches longer than Adams, and of fine quality. It is a vigorous grower, stalks about five feet high, generally bearing two well-developed ears to a stalk. Pkt., 10 cts.; qt., 20 cts.; pk., \$1.10; bu., \$3.75.

KENDEL'S EARLY GIANT—The ears measure 8 to 10 inches long. It is very prolific, maturing from 60 to 72 days, and commands quick sale in any market. Also a very good variety for home use. Pkt., 10 cts.; qt., 20 cts.; pk., \$1.00; bu., \$3.60.

I must say that the Seeds purchased from you last year were perfectly satisfactory. The Improved Adams Early Corn that I purchased from you did fine. I grew some of the finest Early Corn that was on the Greensboro market.

GUILFORD COUNTY, N. C., March 14, 1912.

WILLIAM J. SMITH.



COUNTRY GENTLEMEN.

POP CORN.

WHITE RICE—The most popular variety. Pops pure white. Pkt., 10 cts.; qt., 25 cts.; pk., \$1.10; dozen ears, 25 cts.

QUEEN'S GOLDEN—Ears large, handsome, yellow; pops white and tender. Pkt., 10 cts.; qt., 25 cts.; pk., \$1.10; dozen ears, 25 cts.

MAPLEDALE PROLIFIC—Very prolific; pearly grains; pops white and tender. Pkt., 10 cts.; qt., 25 cts.; pk., \$1.10; dozen ears, 25 cts.

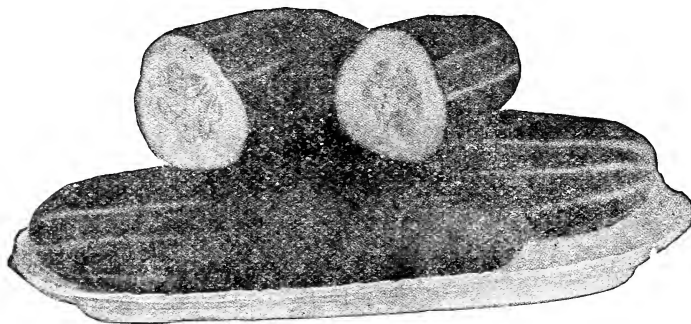
RED BEAUTY—The red variety of pop corn; very good. Pkt., 10 cts.; qt., 25 cts.; pk., \$1.10; dozen ears, 25 cts.

POP CORN—For popping. Per pkt., 10 cts.; qt., 20 cts.; pk., 90 cts.; bu., \$3.25.

Cucumbers

For very early crop plant in hot-beds; for later crop plant from April to July in rich, well-manured hills 4 feet apart, 10 seed in hill; thin to two or three plants. One ounce to 50 hills; 2 pounds to the acre.

5 lb. lots and over, 5 cts. per lb. less.



D. & B.'s EARLY FORTUNE.

KLONDYKE—This variety was introduced several years ago, and is becoming very popular as a market variety. The fruits are long and straight, and hold their deep green color, which makes it a good shipping sort. It is early and very productive. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 75 cts.

IMPROVED LONG GREEN—Prized for table, market and pickles; dark green, firm and crisp. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 65 cts.

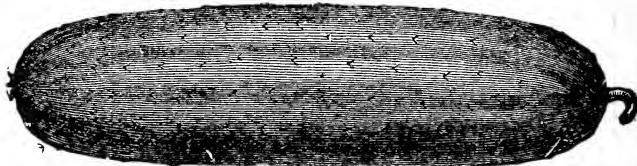
GREEN PROLIFIC—Very prolific; especially recommended for pickles. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 65 cts.

GHERKIN OR BURR CUCUMBER—Small, prickly; used for pickles only. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 50 cts.

D. & B.'s EARLY FORTUNE CUCUMBER—An extra early cucumber of the White Spine type. A beautiful green, straight variety, especially recommended for early market. Our customers who raise this cucumber are highly pleased with it. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 75 cts.

ARLINGTON WHITE SPINE—A long well-shaped green variety; one of the best and most popular market varieties.

Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 65 cts.



ARLINGTON WHITE SPINE CUCUMBER.

COLLARDS.

Sow and cultivate like cabbage, and use for greens; also good for stock.

NORTH CAROLINA SHORT STEM—Large, spreading leaves; very hardy; good flavor. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 35 cts.; lb., \$1.00.

GEORGIA OR SOUTHERN—A very old and popular variety. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 65 cts.

LARGE SEEDED CORN SALAD.

Sow in early spring in rows 12 inches apart and repeat as desired for succession. May be sown in September, if protected. Cultivate thoroughly, and keep well watered.

Pkt., 5 cts.; oz., 8 cts.; $\frac{1}{4}$ lb., 15 cts.; lb., 45 cts.

Egg Plant

Sow in February or March. When 2 inches high transplant to pots or good rich soil, and in May to 3-foot rows in deep, rich loam. One ounce of seed will produce about 1,000 plants.

BLACK BEAUTY—This is the earliest and best of all large fruited Egg plants. It is fully as large and ten days or two weeks earlier than the New York Improved Purple. The large fruits are thick and of most attractive form. The skin is a rich, lustrous, purplish black, and it is entirely free from spines or thorns. Pkt., 5 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., \$1.00.

NEW YORK IMPROVED SPINELESS—The old standard variety. Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 90 cts.

EGG PLANTS—Plants ready May and June. 25 cts. per dozen; \$1.00 per 100.



BLACK BEAUTY EGG PLANT

Endive

GREEN CURLED—Has fine cut leaves, and gives a mossy appearance when blanched. Sow in August in 18-inch drills, and later thin plants to one foot apart, when large. tie up outer leaves to blanch, water freely. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 35 cts.

Kale

Sow Siberian in September or October; Scotch in August or September; Spring or Smooth, February to April, and September to November. Protect with straw in very severe weather.



EARLY CURLED SIBERIAN.

EARLY CURLED SIBERIAN—A standard winter variety; bright green with purple tinge; curled. Oz., 5 cts.; $\frac{1}{4}$ lb., 15 cts.; lb., 40 cts.; 5 lbs., and over, at 35 cts. per lb., sow 5 lbs. to the acre.

ODENSE MARKET—A half tall variety with elegantly curled leaves of Danish origin and is said to be a decided improvement on our American Curled Kale. It produces a large quantity of delicate leaves, but stands severe winters uninjured. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 60 cts.

SPRING OR SMOOTH—Hardy, quick growing; best for spring sowing. Sow 8 to 10 pounds to the acre broadcast, or 4 to 5 pounds in drills. Pkt., 5 cts.; $\frac{1}{2}$ lb., 10 cts.; lb., 15 cts.; 2 lbs., 25 cts.; 5 lbs., and over, at 10 cts. per lb.

SLOW SEEDING SIBERIAN KALE—Similar to Early Curled Siberian, but does not rum to seed as early. Oz., 5 cts.; $\frac{1}{4}$ lb., 15 cts.; lb., 45 cts.; 5 lbs., and over, at 40 cts. per lb.

GREEN CURLED SCOTCH—Popular for shipping. Light green, nicely curled. Sow 5 pounds to the acre. Oz., 5 cts.; $\frac{1}{4}$ lb., 15 cts.; lb., 75 cts.; 5 lbs., and over, at 70 cts. per lb.

KOHL RABI.

EARLY WHITE VIENNA—White and tender; the best variety. Sow in April in 18-inch drills and thin out to 8 inches. For winter use, sow in June and July. One ounce to 200 feet of drill. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 50 cts.

AMERICAN FLAG LEEK

Large, thick stems, of sweet flavor. Sow in early Spring in light, rich, moist soil. Transplant to 12-inch rows and 6 inches apart. Earth up to whiten necks. One ounce to 100 feet of drill. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.50.

Lettuce

For early crop, sow under glass in January; then for succession at intervals of three weeks. Transplant to rich, mellow soil, and keep well worked. Must have very rapid growth to succeed. Two crops can be grown in one season. One ounce to 1,500 plants.

WAYAHEAD—This is the earliest and hardiest Lettuce for cold frames or open ground. Is of handsome appearance and good quality. It is not only earlier than the Big Boston, but is also larger than that variety and the heads are more tightly folded—a favorite with market gardeners. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.50.

EARLY WHITE CABBAGE—Very hardy, large, hard head; a splendid variety. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.40.

UNRIVALLED—An improvement on the famous Big Boston Lettuce, possessing all the good qualities of this kind, viz., Earliness, large size, attractive color, etc. Its additional value lies in the fact that it can be sown almost the whole year round; it resists heat remarkably well; is crisp and solid when other sorts become tough and flabby under the same conditions. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 35 cts.; lb., \$1.25.

BIG BOSTON—Favorite in the South for shipping; large and solid. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.; lb., \$1.25.

DEACON—Large, dense heads, thick leaves; solid heart of rich yellow color; crisp, tender; easily forced. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.

EARLY CURLED SIMPSON—Heads up loose and very tender. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.

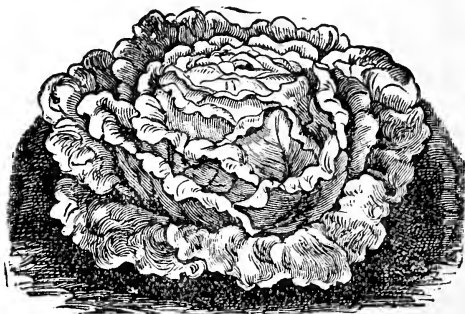
CALIFORNIA CREAM BUTTER—Heads up solid like cabbage; almost white; rich, buttery, tender; forces readily. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.

EARLY DUTCH SPECKLED BUTTER—An excellent early variety for forcing, small but very solid heads. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 35 cts.; lb., \$1.00.

HANSON—One of the best Summer Lettuces. Large, solid, sure header; crisp and tender. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.

ALL SEASONS—A favorite summer lettuce; large, but attractive appearance, crisp and buttery. It is especially recommended for its heat resisting qualities, preserving its freshness under trying conditions. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.25.

WHITE PARIS COS—The best of the Celery Lettuces. Forms large, light green, solid, well-folded heads, of upright growth and esteemed for its crispness and mild flavor. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{2}$ lb., 40 cts.; lb., \$1.15.



EARLY WHITE CABBAGE LETTUCE.

Herbs

Sow in spring in shallow drills 12 inches apart. Gather just before blooming and cork in bottles. We supply the following. All varieties, 5 cts. per pkt.:

CARAWAY—Per oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.
CORIANDER—Oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.
DILL—Per oz., 10 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 60 cts.
FENNEL—Per oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.

SWEET MARJORAM—Per oz., 15 cts.
SUMMER SAVORY—Per oz., 15 cts.
SAGE—Per oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.
THYME—Per oz., 30 cts.; $\frac{1}{4}$ lb., 90 cts.
LAVENDER—Oz., 20 cts.

BUCKINGHAM COUNTY, VA., March 1st, 1912.

I am very much pleased with the Seeds that I have bought from you. I wish I could get more of them.

Mrs. E. J. DUNHAM.

KING & QUEEN COUNTY, VA., March 2nd.

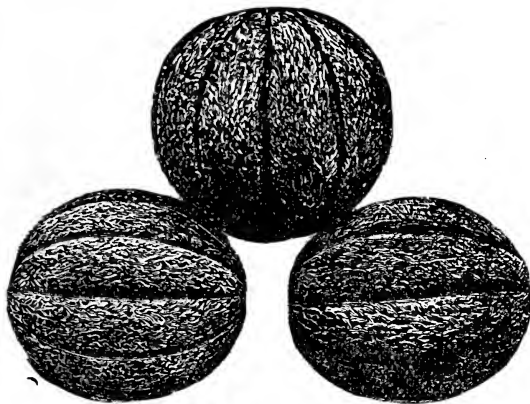
I am certainly satisfied with your Seeds and the prompt attention given my orders.

ANDY WARGO.

Cantaloupe or Musk Melon

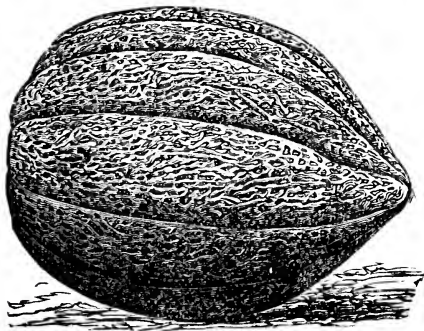
Plant in hills 5 feet apart in light, rich soil, well manured; 10 seed to hill, thin to 4 plants. Cultivate well. Pinch off ends of vine as they begin to blossom, which will increase the yield. One ounce to 60 hills; 2 pounds to acre.

5 lbs. and over 5 cts. per lb., less.



D. & B.'S HANOVER GEM.

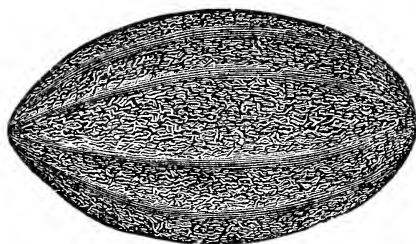
BURRELL'S GEM—This cantaloupe is similar in appearance to the Rocky Ford Netted Gem, except it has a pinkish flesh instead of green, has a tough thin rind, well netted, is very solid, a splendid market variety. Those who have grown this melon are very much pleased with it. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 75 cts.



PERFECTION CANTALOUPE.

D. & B.'S HANOVER GEM—Larger, more uniform in size and shape than the Netted Gem, of unsurpassed quality and being very solid, is a good market and shipping variety. This melon has brought the highest market prices on the Richmond markets for several seasons. Our stock is limited—Order early. Pkt., 10 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.; lb., \$2.00.

RICHMOND MARKET—This is one of our most valuable introductions. It is unquestionably the Best Cantaloupe for the market gardener and home use. It is very prolific, has thick flesh and small seed cavity, and of a rich, nutty flavor. It is of medium size and a good shipping melon. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.



D. & B.'S RICHMOND MARKET CANTALOUPE.

EMERALD GEM—A salmon fleshed, extra early variety, green skin, slightly netted, very thick and ripens close to the rind, globular shape. A good melon for family use. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., 75 cts.

PERFECTION—Large, oblong, green flesh; yellow skin; thickly netted; good quality. We consider this the best large sized cantaloupe. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 35 cts.; lb., \$1.00.

The Richmond Market Cantaloupe I got from you last year certainly did fine, they were the heaviest yielding Melons I have ever had. I only hope that the Seeds I am ordering from you this year will do as well as they did last year.

SHENANDOAH COUNTY, VA., May 20th.

G. D. MINNICK.

GUILFORD COUNTY, N. C., March 14, 1912.

I had the finest and earliest Cantaloupes last Season from this section from your Richmond Market Seed. I have given your name to several of my neighbors wanting some of your Richmond Market Cantaloupe Seed.

WILLIAM J. SMITH.

CARTERET COUNTY, N. C., March 5, 1912.

I received the Seeds ordered from you last month in good shape, and am well pleased with them. Thank you for your promptness.

Please send the following order.

A. A. GASKILL, JR.

LUNENBURG COUNTY, VA., April 2, 1912.

I received my Seeds all O. K. I have planted some of them and think your Seed are fine. I cannot find fault with any of them, and I am therefore sending you another order.

MRS. ROSA A. RUDD.

D. & B.'S NETTED
GEM.

TIP TOP—A large, slightly oval melon with orange colored flesh, which is thick and firm, which makes it a good shipping and market variety. The flesh is sweet and of good quality, and it is one of the most popular orange colored flesh melons. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 75 cts.

DIGGS & BEADLES' SELECTED OVAL NETTED GEM—A larger and improved strain of the well known Netted Gem variety, of most excellent flavor. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 80 cts.

GENUINE ROCKY FORD NETTED GEM—Small, nearly round; thickly netted; nutmeg shape. Pkt., 5 cts.; oz., 8 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 60 cts.

EXTRA EARLY HANOVER—Earliest known variety. Green flesh; yellow skin; medium size; flattened at end. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., 90 cts.

EXTRA EARLY HACKENSACK—Like large Hackensack, but ten days earlier; roughly netted; thick flesh; good flavor. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 65 cts.

BALTIMORE OR ACME—Very popular for main market crop, large size, oval shape, green flesh. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 60 cts.

LARGE HACKENSACK—Large, good quality; very popular; Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 75 cts.

OSAGE OR MILLER CREAM—Green skin, salmon flesh. quality first-class. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 65 cts.

JENNY LIND—Small, very early; first-class quality. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 65 cts.

PROLIFIC NUTMEG—An early variety of medium to a small size, nutmeg in shape and thickly netted; very productive and of first-class quality. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 75 cts.

BANANA—Long shaped like a banana; delicious odor. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.

GLASS MELON, VEGETABLE ORANGE OR VINE PEACH—Small lemon shaped. Used for pickles, pies or preserves. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.; lb., \$1.20.

MIXED VARIETIES—As we have frequent calls for Cantaloupe Seed mixed we offer a mixture of the leading varieties at pkt., 5 cts.; oz., 8 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 60 cts.



LARGE HACKENSACK.

Vegetable Plants

Orders for Vegetable Plants can rarely be shipped the day order is received, as we have to get them in from the Gardens. We never ship Plants the last of the week unless especially ordered to do so, as they would be liable to be left in the Express Office over Sunday. Do not order Plants to be shipped by freight, express is much quicker and more satisfactory. Do not order Plants to be sent by mail, they will not stand the rough handling they are subjected to in the mails and will not carry safely by mail.

TOMATO PLANTS—Ready in May, June and July. Varieties: Fordhook First, Livingston's Beauty, New Stone, Yellow Pear Shaped. Per dozen, 10 cts.; 100, 35 cts.; 1,000, \$3.00.

CABBAGE PLANTS—Early varieties ready in March, April, May and November. Varieties: Early Wakefield and Henderson's Succession. Price up to May 1st, 30 cts. per 100; \$2.50 per 1,000. After May 1st, 25 cts. per 100; \$2.00 per 1,000. Late varieties: Late Flat Dutch, Autumn King, Drumhead Savoy. Ready June, July and August. Price, 25 cts. per 100; \$2.00 per 1,000.

LETTUCE PLANTS—Ready March, April, May, October and November. Varieties: Early White Cabbage and Big Boston. Price, 25 cts. per 100; \$2.00 per 1,000.

EGG PLANTS—Black Beauty. Ready May and June. Price, 25 cts. per doz.; \$1.00 per 100.

PEPPER PLANTS—Ready May and June. Varieties: Ruby King, Long Red Cayenne. Price, 20 cts. per doz.; 75 cts. per 100.

SWEET POTATO PLANTS—Ready May and June. Varieties: Hanover White Yam, Hanover Yellow. Price, 25 cts. per 100; \$2.00 per 1,000; 5,000 and over at \$1.75 per 1,000.

PRINCE GEORGE COUNTY, VA., December 5, 1912.

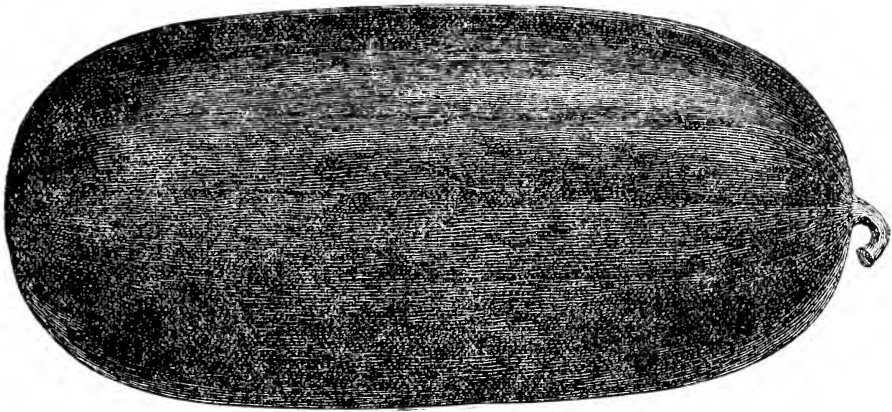
I noticed Mr. Mayo has some fine Cabbage Plants he got from you, please ship me 400 of these Cabbage Plants at once, and oblige.

W. W. TAYLOR.

Watermelons

Cultivate like cantaloupe, except place hills 8 or 9 feet apart. One ounce seed to 30 hills; 2 pounds to the acre.

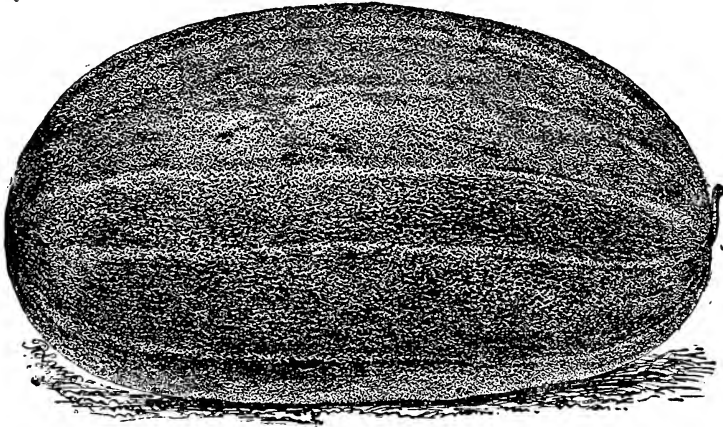
5 lbs. and over at 5 cts. per lb., less.



TOM WATSON WATER MELON.

TOM WATSON—An early, long, green melon; thin, but tough rind, which makes it the best market and shipping variety. Flesh is a bright red, firm, and very sweet; has taken the lead over all other shipping melons and sells for the highest prices in the Northern markets. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 65 cts.

BRANCH'S IMPROVED GEORGIA RATTLESNAKE—This is a beautiful oblong, striped melon, highly valued by all market gardeners. The rind is both thick and strong, and it can be shipped perhaps as far as any other kind of melon, and it keeps wonderfully. Not only is it a splendid shipper, but the flesh is of fine quality and flavor. Our Seed is grown with the greatest care by Mr. Branch himself, and should not be judged by ordinary stocks. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 60 cts.



KLECKLY SWEET WATERMELON.

KLECKLY SWEET, OR MONTE CHRISTO—Early, oblong, unsurpassed for home use or near market, but does not bear shipping well. One of the most salable melons on the Richmond market. Oz., 5 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 50 cts.

JAMES CITY COUNTY, VA., September 7th.

I am sending you a Tom Watson Watermelon which I raised from the seed purchased from you. I have raised larger shipping melons, but have never raised as large Melons that can compare with your Tom Watson.

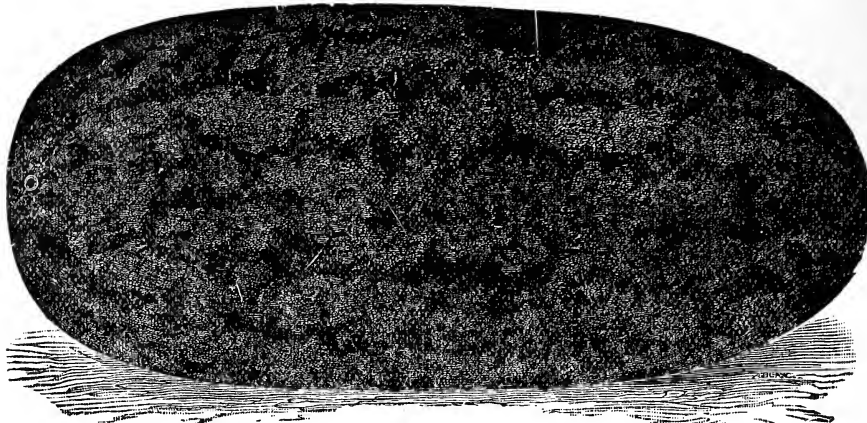
I will be glad if you will exhibit this at your stand during the State Fair.

BENJ. S. SCOTT.

D. & B.'S SELECTED EARLY DARK ICING WATERMELON—After several years selecting we have produced this splendid strain of the Dark Icing melon. For eight consecutive years the first melon brought to this market from this vicinity was raised from this stock of seed. The melons are medium size, nearly round, dark green rind, thin and brittle. As an early melon for family or nearby market it has no equal. The quality is unsurpassed. Oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 75 cts.

HALBERT HONEY—This melon is similar but an improvement over the Kleckly Sweets in that it is larger, hardier, more productive and prettier in shape and color. Pkt., 5 cts.; oz., 8 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 60 cts.

THE JACKSON—Although a very old variety, it is still very popular in many sections. It is early, long, pale green, very tender, crimson flesh, which is unusually sweet. A splendid variety for home use, but will not stand shipping. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 35 cts.; lb., 90 cts.



FLORIDA FAVORITE WATERMELON.

FLORIDA FAVORITE—An old but popular, dark, long-striped, early melon of unsurpassed quality. Oz., 5 cts.; $\frac{1}{4}$ lb., 15 cts.; lb., 45 cts.

THE TRUE JONES—Large, round, very productive, good quality; an old standard variety. Oz., 5 cts.; $\frac{1}{4}$ lb., 15 cts.; lb., 35 cts.

GIRARDEAU'S TRIUMPH—A good shipping melon. Early and grows to a large size. It is handsome in appearance; the rind is of dark green color, with indistinct stripe; solid flesh. Oz., 5 cts.; $\frac{1}{4}$ lb., 15 cts.; lb., 35 cts.

BLUE GEM—Very large and productive and a good shipper. Oz., 5 cts.; $\frac{1}{4}$ lb., 15 cts.; lb., 35 cts.

KOLB GEM—The well-known shipping variety. Oz., 5 cts.; $\frac{1}{4}$ lb., 15 cts.; lb., 35 cts.

MIXED VARIETIES—As we have frequent calls for Melon Seed mixed, we offer a mixture of the leading varieties, oz., 5 cts.; $\frac{1}{4}$ lb., 15 cts.; lb., 45c.

MELON SEED—For medicinal purposes, per lb., 20 cts.

GRANVILLE COUNTY, N. C., February 21, 1912.

I raised some of the best Watermelons last year, from seed bought from you, that I ever saw grown in this community.

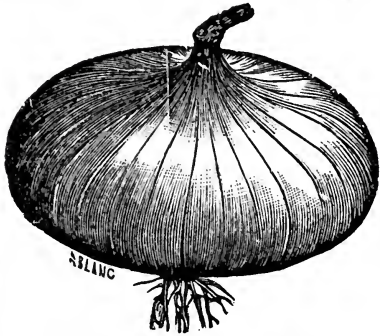
THOMAS G. TAYLOR.

SEEDS BY MAIL

The postage rate on Seeds, Bulbs and Plants is not affected by the Parcels Post Law, except that a package weighing 11 lbs. can be sent by mail, whereas heretofore only 4 lbs. could be sent by mail in one package, but the postage rate on these articles remain as before. REMEMBER, however, we pay postage on Seeds sent by mail at catalog prices on Packets, Ounces and Quarter Pounds. When larger quantities are ordered to be sent by mail, add for postage 10c. per pound. When quarts are ordered, add 15c. per quart on Peas, Beans and Corn, and 10c. per Quart on Onion Sets.

Onion Seed

Sow in January or February in hot-beds or later in the open. Transplant to 12-inch rows, 5 inches apart, in very rich soil and cultivate well. Sow six pounds seed to the acre. For sets, sow 20 to 40 pounds to acre in broad rows. Dig and dry when tops die. Use only smaller ones for sets.



EXTRA EARLY WHITE PEARL.

YELLOW GLOBE DANVERS—Globe shaped; large; keeps well; a standard for main crop. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 35 cts.; lb., \$1.25.

SOUTHPORT YELLOW GLOBE—A large globe shaped onion; good producer and keeps well. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.60.

MUSTARD

Sow from February to April or September and October, broadcast or in drills, 6 inches apart. Cut when about 3 inches high. One ounce seed to 80 feet drilled; 6 pounds to acre broadcast.

SOUTHERN GIANT CURLED—A favorite in the South; succulent, pungent and sweet. Oz., 5 cts.; $\frac{1}{4}$ lb., 15 cts.; lb., 40 cts.

BLACK OR BROWN—For salad. Oz., 5 cts.; $\frac{1}{4}$ lb., 10 cts.; lb., 25 cts.

WHITE—Oz., 5 cts.; $\frac{1}{4}$ lb., 10 cts.; lb., 25 cts.

MUSTARD SEED FOR SEASONING—2 oz., 5 cts.; lb., 20 cts.

PARSLEY

CHAMPION MOSS CURLED—Beautifully curled and crimped. Best for garnishing; also makes fine borders. Soak the seed a few hours and sow in rich soil, early in spring, in 1-foot drills. 1 ounce to 150 feet of drill. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., 90 cts.

PARSNIP

IMPROVED SUGAR OR HOLLOW CROWN—The standard; smooth, tender, good flavor. Sow in spring in 18-inch drills, in rich, deep, sandy loam. Thin out to 5 inches apart. One ounce to 200-foot drill; 5 pounds to the acre. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 75 cts.

OKRA OR GUMBO

Sow in 3-foot drills and thin out to 8 inches apart. For winter use, slice young pods, string and dry in the shade. Sow one ounce to 50 feet of drill.

PERKINS' MAMMOTH PODDED—Very productive; pods intense green; 8 to 9 inches long. Superior for canning. Oz., 5 cts.; $\frac{1}{4}$ lb., 15 cts.; lb., 40 cts.

WHITE VELVET—Pods large, round, white and smooth, and very abundant. Oz., 5 cts.; $\frac{1}{4}$ lb., 15 cts.; lb., 40 cts.

DWARF PROLIFIC—Plants small, but very prolific. Oz., 5 cts.; $\frac{1}{4}$ lb., 15 cts.; lb., 40 cts.

TALL GREEN—Long pods; grows 4 to 5 feet high. Oz., 5 cts.; $\frac{1}{4}$ lb., 15 cts.; lb., 40 cts.

EXTRA EARLY WHITE PEARL—Large, pearly white, tender, mild; excellent flavor; grows quickly; silvery skin. The best variety for fall setting to make early spring onions. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.50.

MAMMOTH SILVER KING—The largest variety in cultivation; skin silvery, flesh pure white; very mild and early. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.75.

SILVER SKIN—Pure white; mild flavor; best for growing sets. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.; lb., \$1.75.

PRIZE TAKER, OR SPANISH KING—Very large and solid; skin rich yellow; flesh pure white, sweet, mild, tender. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.; lb., \$1.25.

LARGE RED WETHERSFIELD—Medium early; skin purplish red; flesh purplish white. A general favorite. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.; lb., \$1.25.



Plant 4 to 6 inches apart in 12 to 24-inch rows (except Potato Onions, which should be in 2-foot rows). Plant in spring or fall in fine, rich soil, well manured.

SILVER SKIN—Qt., 20 cts.; by mail, 30 cts.; pk., 65 cts.; bu., of 32 lbs., \$1.75.

YELLOW DANVERS—Qt., 15 cts.; by mail, 25 cts.; pk., 60 cts.; bu. of 32 lbs., \$1.60.

Garden or English Peas



A CROP OF D. & B'S SELECTED EXTRA EARLY PEAS.

Packets of Peas put up to sell at 5 cents, postpaid, contain too small a quantity. We therefore put up liberal sized packets at 10 cents, postpaid, preferring to please rather than disappoint. If larger quantities are ordered sent by mail, add 10 cents per pint, 15 cents per quart for postage.

Plant very early in spring, in 3-foot rows, in light, rich loamy soil. Cultivate well. For succession plant later every few weeks through season. One and a half bushels to the acre.

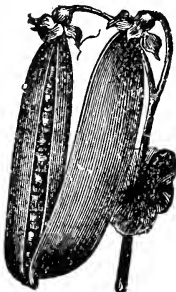
DIGGS & BEADLES' SELECTED EXTRA EARLY—This is the earliest pea on our list. Many of our customers who grow for market say it is the best early pea they have ever grown. It is very productive; grows to a height of 2 feet. Pkt., 10 cts.; qt., 30 cts.; pk., \$1.75; bu., \$6.25.

DIGGS & BEADLES' FIRST AND BEST—This stock is grown especially for us by one of the largest and most careful pea growers in this country. It is an Extra Early, large podded pea; height, 2½ feet. Pkt., 10 cts.; qt., 25 cts.; pk., \$1.50; bu., \$5.50.

ALASKA—One of the best extra early peas and becoming more popular yearly; very productive and salable. Particularly popular for canning on account of its pale green color. Pkt., 10 cts.; qt., 30 cts.; pk., \$1.65; bu., \$6.00.

AMEER OR LARGE PODDED ALASKA—A large and prolific strain of the well known Alaska Pea. The size and color of the Peas and pod make a very desirable market variety. Is very hardy and prolific. Much in demand with market gardeners, height 2 feet. Pkt., 10 cts.; qt., 35 cts.; pk., \$2.00; bu., \$7.00.

MAUD S—A standard extra early pea; height, 2½ feet; large, well-filled pods. Pkt., 10 cts.; qt., 25 cts.; pk., \$1.50; bu., \$5.50.



AMERICAN WONDER PEAS.

DAY'S SUNRISE—This pea is between a smooth and wrinkled variety. Maturing directly after the Extra Early Sorts and before the large wrinkle varieties come in. Enormously productive, hardy and has large well filled pods; height 2 to 3 feet. It will become a popular market pea. Pkt., 10 cts.; qt., 30 cts.; pk., \$1.60; bu., \$5.50.

LARGE WHITE MARROWFAT—Strong, hardy; late variety with broad, thick pods; good quality; height, 4 feet; abundant bearer. Pkt., 10 cts.; qt., 20 cts.; pk., \$1.20; bu., \$4.25.

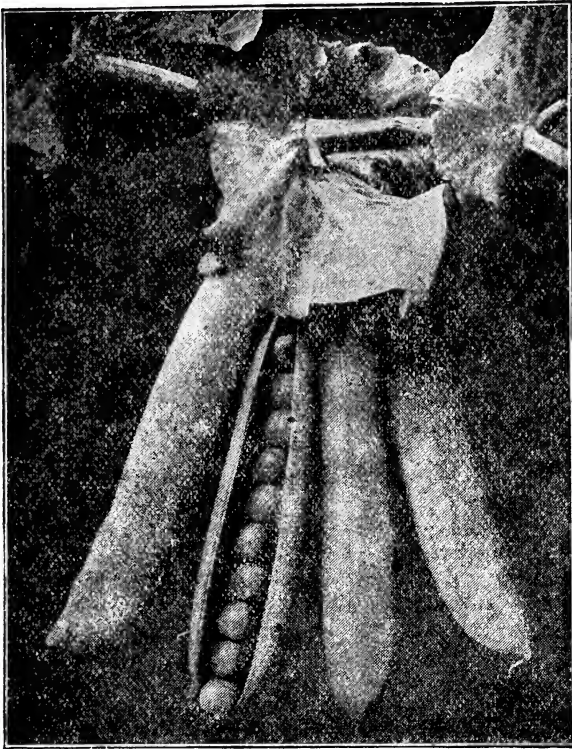
BLACK EYE MARROWFAT—Closely resembles White Marrowfat; yields well. Pkt., 10 cts.; qt., 20 cts.; pk., \$1.15; bu., \$4.00.

POWHATAN COUNTY, VA., July 23, 1912.

Many thanks for your kindness and wish you success in all your business through life.

J. E. JUSTIS.

If Peas are wanted by mail add 15 cents per quart for postage



AMEER OR LARGE PADDED ALASKA.

CHAMPION OF ENGLAND—One of the best large varieties; delicious flavor; very prolific; height 5 feet. Pkt., 10 cts.; qt., 35 cts.; pk., \$1.80.

D. & B.'S IMPROVED DARK GREEN TELEPHONE—Productive, sugary; pods contain 6 or 7 peas; late, height 4 feet. One of the most popular sorts for main crop. Pkt., 10 cts.; qt., 35 cts.; pk., \$2.00; bu., \$7.00.

Pepper

Sow in hot-bed in February or March. Transplant in May to 3-foot rows, 15 inches apart.

CHINESE GIANT—This is the largest and finest mild red pepper, being double the size of the Ruby King. It is very productive; plants are vigorous in growth, of stocky habit, about two feet high. well branched and thickly set with fruit, which hangs in clusters. The flesh is extremely mild, as sweet as an apple and very thick. Pkt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., \$1.00.

NEAPOLITAN—The earliest and most productive of all large, mild peppers. The skin and flesh is bright red, and keeps in prime condition a long time, a good variety for market gardeners. Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.

WRINKLED VARIETIES

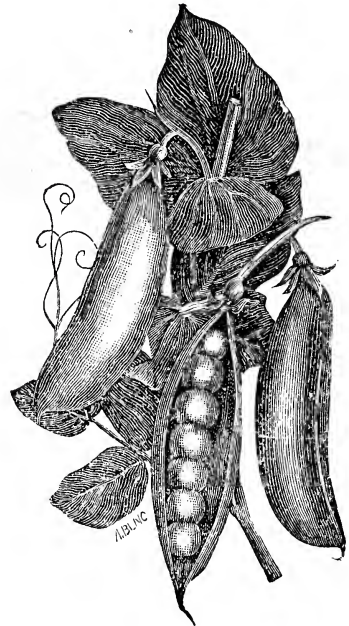
AMERICAN WONDER—Early; wrinkled; vines about 9 inches high; very robust and productive. Pkt., 10 cts.; qt., 35 cts.; pk., \$2.00.

ECLIPSE—An extra early Wrinkled Pea; similar to American Wonder; more productive and somewhat larger; stout vines about 2 feet high. Pkt., 10 cts.; qt., 35 cts.; pk., \$2.00.

NOTT'S EXCELSIOR—A dwarf early variety, of compact growth, coming in a few days later than the Eclipse, but more prolific. The pods are large and crowded with large, tender peas of excellent flavor; height, 1 foot. Pkt., 10 cts.; qt., 35 cts.; pk., \$2.00.

PREMIUM GEM—A favorite early dwarf peas; bear well; good quality. Height 18 inches. Pkt., 10 cts.; qt., 30 cts.; pk., \$1.90.

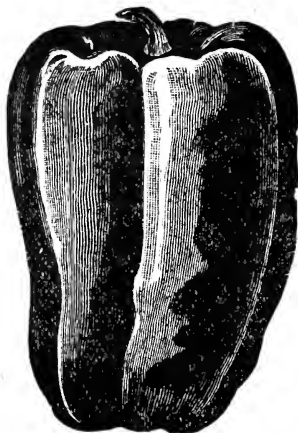
BLISS EVERBEARING—A good variety, that continues in bearing a long time. Height 3 feet. Pkt., 10 cts.; qt., 35 cts.; pk., \$2.25.



DAY'S EARLY SUNRISE.

SEEDS IN QUANTITY

Market Gardens and Public Institutions buying Vegetable Seeds in large quantities are requested to send us a list of their requirements and we will take pleasure in quoting special prices. In writing us, please be sure to state quantities wanted.



CHINESE GIANT PEPPER.

RUBY GIANT—An improvement over the Ruby King, being much larger. Pkt., 5 cts.; oz., $\frac{1}{2}$ 30 cts.; $\frac{1}{4}$ lb., 85 cts.

RUBY KING—Bright, ruby red; very mild and pleasant and can be used as salad. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.

BELL, OR BULL NOSE—Large, early, mild; purplish red. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 45 cts.

LONG RED CAYENNE—Long, bright red pods; hot; the most popular for seasoning. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.

RED CLUSTER—Very small, with long pods. Used for pepper sauce. One of the hottest varieties. The plants are very ornamental. Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.

RED CHILI—Similar to Red Cluster, but grows larger; very hot. Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.

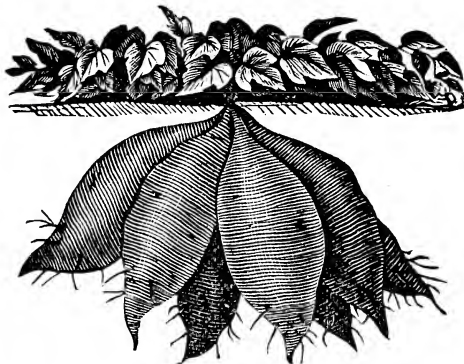
PEPPER PLANTS—Ready May and June at 20 cts. per doz.; 75 cts. per 100. Varieties, Long Red Cayenne and Ruby King.

Seed Sweet Potatoes

Plant in hot-beds in April. Water freely. Transplant in May and June to 3-foot rows 15 inches apart, Fertilize with strong potash mixtures.

We make a specialty of seed sweet potatoes, getting them in fresh from Hanover County every day; and handling them in large quantities as we do, we are enabled to offer them at especially close prices. But prices fluctuate very much frequently from day to day. Write us for prices when ready to plant.

Seed Sweet Potatoes are very perishable and will not keep very long after being taken out of the kilns especially in damp or rainy weather. For this reason we cannot carry them in stock, but get them in fresh from the kilns every day, and make shipments the day we get them in. We ship only good, fresh, sound potatoes, in firm condition, but we cannot guarantee safe arrival of anything so perishable, though we are very careful in packing and shipping them while fresh, but under no circumstances will we be responsible for Potatoes which may be in bad condition when received, and only under these conditions will orders for Sweet Potatoes be accepted by us.



SWEET POTATOES.

HANOVER YELLOW—The leading Yellow Potato raised in Hanover County, which is noted for its excellent Sweet Potatoes. It has a rich yellow color, grows to a large size, is unusually productive and the quality is unsurpassed. Pk., 60 cts.; bu., about \$1.50; bbl., about \$3.50.

HANOVER WHITE YAM—This is the well-known White Sweet Potato. It grows to a larger size than the Yellow Potatoes, and is much sweeter. This is the best variety to grow on heavy soils. Pk., 60 cts.; bu., about \$1.50; bbl., about \$3.50.

SWEET POTATO PLANTS—We will have these of the above varieties ready in May and June. 25 cts. per 100; \$2.00 per 1,000. Special prices in large quantities.

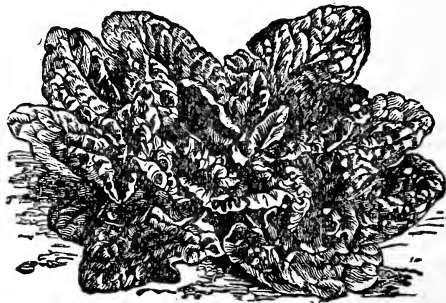
Spinach

For summer use, sow early in fertile soil in 18-inch drills. Sow in September and October for winter and spring use. One ounce to 100 feet of drill; 20 pounds to the acre.

NORFOLK SAVOY, OR BLOOMSDALE—Good for fall sowing; very early; hardy; leaves curled. Oz., 5 cts.; $\frac{1}{4}$ lb., 10 cts.; lb., 20 cts.; 5 lbs. and over at 17 cts.

LONG STANDING—Leaves thick and fleshy; does not run to seed quickly. Oz., 5 cts.; $\frac{1}{4}$ lb., 10 cts.; lb., 20 cts.; 5 lbs. and over at 17 cts.

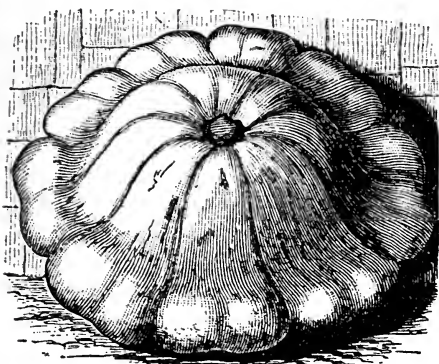
ROUND THICK LEAVED—Best variety for summer; leaves thick; dark green; good quality. Oz., 5 cts.; $\frac{1}{4}$ lb., 10 cts.; lb., 20 cts.; 5 lbs. and over at 17 cts.



NORFOLK SAVOY OR BLOOMSDALE SPINACH.

Squash or Cymling

Plant in hills in warm, fine, rich fertilized soil. Grow 3 plants to the hill. Plant bush varieties 5 feet apart; running varieties, 8 feet. About 3 pounds to the acre.



D. & B's EARLY WHITE BUSH SQUASH.

EVERBEARING—A large white squash, similar in appearance to the White Bush. But not as early. It is a running squash, very productive and as its name indicates will continue bearing all summer if the squashes are kept picked off. Good table variety, also good for stock feeding. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 60 cts.

HUBBARD SQUASH—A running winter squash of first-class quality and a splendid keeper. Oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., 75 cts.

BOSTON MARROW—Oval; flesh orange color; fine grained; cooks rich and dry; keeps well; Running variety. One of the best for winter. Oz., 8 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 50 cts.

EARLIEST PROLIFIC—The earliest White Squash in cultivation; can be planted close together, as it is strictly a bush squash. Pkt., 5 cts.; oz., 8 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 75 cts.

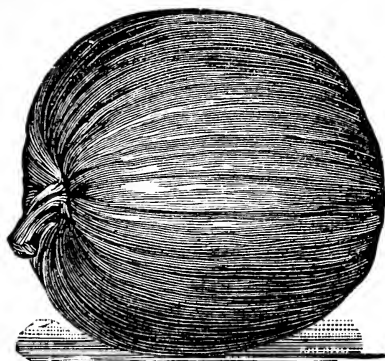
D. & B.'S EARLY WHITE BUSH—Early; cream color; very prolific; nice size; good shipper; the most popular variety. Oz., 5 cts.; $\frac{1}{4}$ lb., 15 cts.; lb., 50 cts.

MAMMOTH WHITE BUSH—Larger and more uniform than Early White Bush but later; waxy white color. Pkt., 5 cts.; oz., 8 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 50 cts.

GIANT SUMMER CROOKNECK—Bush, very prolific; profusely warted; bright yellow squash of good flavor. Oz., 5 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 50 cts.

Pumpkin

Plant in May and June in rich hills 8 feet apart. When vigorous, thin to three plants to the hill. May be planted in corn. One ounce to twenty hills; three pounds to the acre.



VIRGINIA MAMMOTH PUMPKIN.

VIRGINIA MAMMOTH—Rich, golden color; keeps well; very large, often taking prizes for largest pumpkin, and will keep for several months. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 75 cts.

KING OF THE MAMMOTH, OR POT IRON—The largest of all pumpkins, frequently making pumpkins weighing 100 pounds or more. It is of bright yellow color and good quality. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 70 cts.

SMALL SUGAR—A small but prolific variety of yellowish, red color; used mostly for table purposes. Oz., 8 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 60 cts.

GOLDEN CUSHAW—Very productive, good for table and stock feeding. Oz., 8 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 60 cts.

LARGE CHEESE, OR KENTUCKY FIELD—A large, flatish variety of good quality. Oz., 5 cts.; $\frac{1}{4}$ lb., 15 cts.; lb., 50 cts.

CORNFIELD, OR BIG TOM—The old standard for table and stock. Oz., 5 cts.; $\frac{1}{4}$ lb., 15 cts.; lb., 30 cts.; 5 lbs., and over, at 25 cts. lb.

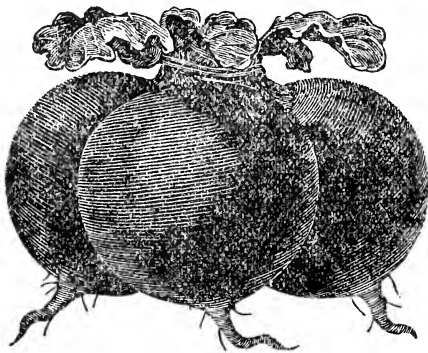
SOUTHAMPTON COUNTY, VA., May 20th.

The White Bush Cymling Seed I got from you last year produced the largest and best Cymling I ever saw. They were really much better than you claimed them to be, and every one who saw them spoke in praise of them.

MRS. E. MORRIS.

Radish

Sow in drills very early in spring, and later for a succession at intervals of ten days. Must have very rich soil, plenty of moisture, light and ventilation to insure quick, rapid growth. For very early, sow in hot-beds. One ounce to 50 feet of drill; 10 pounds to the acre.



CRIMSON GIANT RADISH.

EARLY FORCING SCARLET GLOBE—The earliest radish and one of the best for forcing. Has a very small top, bright red color; a very beautiful variety. Pkt., 5 cts.; oz., 8 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 50 cts.

CRIMSON GIANT GLOBE—A large, early variety; foliage is small and can be planted close. Valuable for early market. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 50 cts.

EXTRA EARLY SCARLET OR RED TURNIP—Small, round, crisp, tender; tops small; grows very rapidly. Oz., 5 cts.; $\frac{1}{4}$ lb., 15 cts.; lb., 40 cts.

D. & B.'S WHITE TIPPED FORCING—This radish is extremely popular, both for gardeners and private use. The outer skin is bright crimson color with white tip. Our strain is superior to most stocks offered. Making a nice turnip shaped, clean root. On account of its small top it is largely used for forcing, and extremely satisfac-

ory for earlier use out of doors. Oz., 5 cts.; $\frac{1}{4}$ lb., 15 cts.; lb., 40 cts.

FRENCH BREAKFAST—A white tipped olive shaped sort and one of the earliest forcing varieties, but should be used while young. Oz., 5 cts.; $\frac{1}{4}$ lb., 15 cts.; lb., 40 cts.

GOLDEN GLOBE SUMMER—Very large, crisp and tender; stands hot weather, and may be planted late. Oz., 5 cts.; $\frac{1}{4}$ lb., 15 cts.; lb., 40 cts.

LONG SCARLET, SHORT TOP—Long, bright scarlet; fine for forcing. Oz., 5 cts.; $\frac{1}{4}$ lb., 15 cts.; lb., 40 cts.

MIXED TURNIP RADISHES—A mixture of seed of the turnip-shaped varieties. Oz., 5 cts.; $\frac{1}{4}$ lb., 15 cts.; lb., 40 cts.

ROSE CHINA WINTER—Rose colored; flesh white; cylindrical; one of the best winter Radishes. Oz., 5 cts.; $\frac{1}{4}$ lb., 15 cts.; lb., 45 cts.

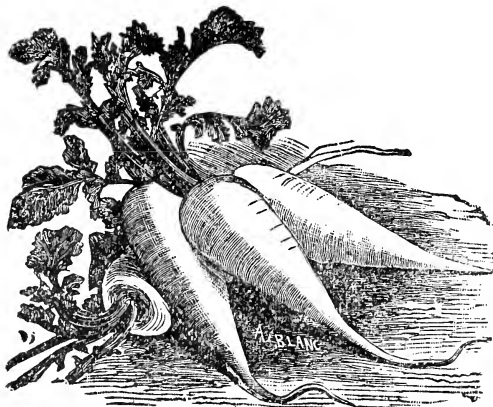
WHITE STRASBURG—Large, long, solid; one of the best for summer use. Oz., 5 cts.; $\frac{1}{4}$ lb., 15 cts.; lb., 40 cts.

LONG BLACK SPANISH—Oblong, large, fine texture, late and hardy. Oz., 5 cts.; $\frac{1}{4}$ lb., 15 cts.; lb., 40 cts.



D. & B.'S WHITE TIPPED FORCING.

MIXED LONG RADISHES—A mixture of the seed of the long varieties. Oz., 5 cts.; $\frac{1}{4}$ lb., 15 cts.; lb., 40 cts.



WHITE STRASBURG RADISH.

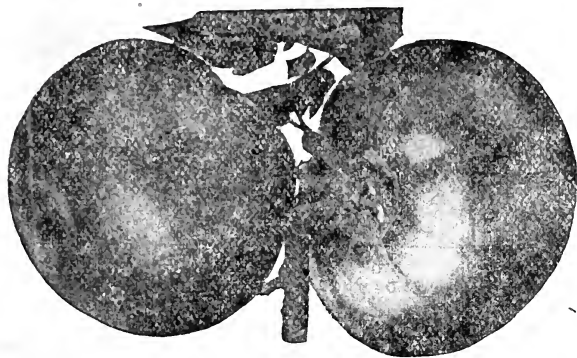
Rhubarb Roots

Set out in the early spring or fall in deep, well-worked soil, 4 feet apart each way. Mulch freely with manure or coarse litter. It is best not to use the stalks the first year; but after the first year they may be used freely and will last for years. A dozen roots will be ample for a large family. 10 cts. each; per doz., \$1.00; per 100, \$5.00.

RHUBARB SEED—Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.

Tomato

Sow in hot-beds in early spring and transplant when danger of frost is past. Set 3 to 4 feet apart. For very early fruit, grow in small pots under cover, thus placing in open without checking the growth.



SPARK'S EARLIANA TOMATO.

JUNE PINK—An improvement on the Earliana. Is of a beautiful pink color. Very early. Of a good size, smooth and prolific. A profitable sort for market gardeners, but not as good for a main crop as some other varieties. Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 70 cts.; lb., \$2.00.

Southampton Co., Va., May 20th.
The June Pink Tomatoes I purchased from you beat the climax. I had Tomatoes as early as any one in the vicinity, and had a plenty nice ones Thanksgiving Day. Can any one beat that from Spring grown seed? Give me June Pink Tomatoes every time hereafter. They beat any kind I have ever raised, and I have tried many kinds.

MRS. E. J. MORRIS.

RED ROCK—A most desirable and profitable variety for truckers and canners. It is an immense yielder, smooth as an apple; very

red, heavy and an excellent shipper. Pkt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., 90 cts.; lb., \$3.00.

LIVINGSTON'S GLOBE—Pinkish, purple color, very thick, large size. Smooth and solid. Vines of vigorous growth and productive, specially recommended to truckers as a shipping variety. Carry well. Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 80 cts.; lb., \$2.75.

I. X. L.—One of the earliest varieties, is very smooth, of good size, bright red color, ripens uniformly. A money maker as an early Tomato. Pkt., 10 cts.; oz., 35 cts.; $\frac{1}{4}$ lb., \$1.00.

BONNY BEST—An extra early, large, smooth, bright red Tomato, a heavy yielder; a good market variety. Pkt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., 75 cts.; lb., \$2.50.

BURPEE'S FORDHOOK FIRST—Very early, large, smooth; free from cracks, deep through; purple; fleshy; few seeds; good variety. Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 80 cts.; lb., \$3.00.

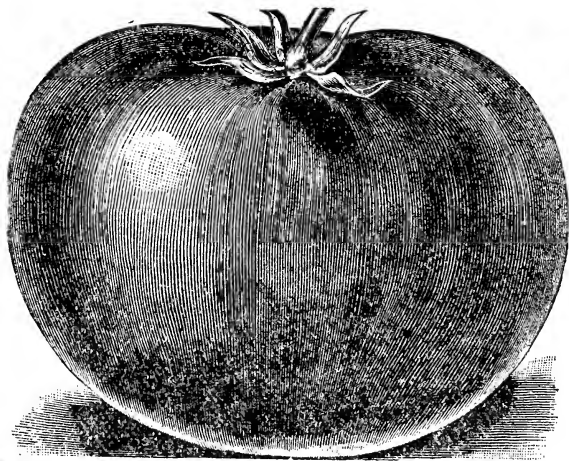
CHALK'S EARLY JEWEL—About a week later than the Earliana. The vines are strong and compact, and loaded with fruit of a bright scarlet color. Thick flesh and few seed. Thin skin, but tough, and makes a good shipping and market variety. Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 60 cts.; lb., \$2.00.

LIVINGSTON'S STONE—Large, bright scarlet; firm, uniform, hardy; an excellent shipper; one of the best for the late crop and canning purposes. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 45 cts.; lb., \$1.50.

EARLY ACME—Smooth, solid; ripens uniformly; bears till frost; ships well; an old favorite. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.50.

LIVINGSTON'S BEAUTY—Large, solid, smooth, purplish pink; an old favorite. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.60.

LIVINGSTON'S FAVORITE—Bright red, smooth fruit; of good size. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.50.



BONNY BEST.

HENRICO COUNTY, VA., October 23rd.

I had the finest and prettiest crop of Truckers Favorite Tomatoes that I ever saw in my life from the Seed I purchased from you this Spring.

C. C. AUSTIN.

TRUCKER'S FAVORITE—One of the best; large, solid, purple fruit; main crop Tomatoes. Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 85 cts.; lb., \$3.00.

SPARK'S EARLIANA—One of the earliest varieties, bright red and smooth; very productive. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.; lb., \$2.00.

DWARF STONE—A dwarf upright growing variety for main crop; unusually hardy and productive; beautiful red color, fruit very firm and solid. Continues in bearing a long time; on account of the dwarf growth can be planted closer together than other varieties. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.; lb., \$2.00.

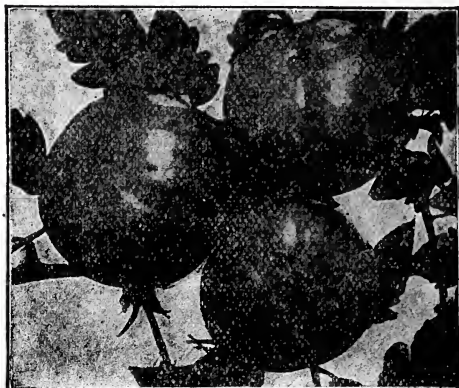
MATCHLESS—Fine for table, market and canning; large, solid, coreless; free from rot; one of the best for main crop. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.; lb., \$2.00.

PONDEROSA—This is the largest tomato grown; very handsome; bright red and very solid. On account of its large size and productiveness is especially adapted to family garden. Pkt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., \$1.00.

GOLDEN QUEEN—A beautiful, large, Golden Yellow Tomato; makes a very pretty dish when used sliced with Red Tomatoes. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.

YELLOW PEAR SHAPED—Small; for preserves. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.

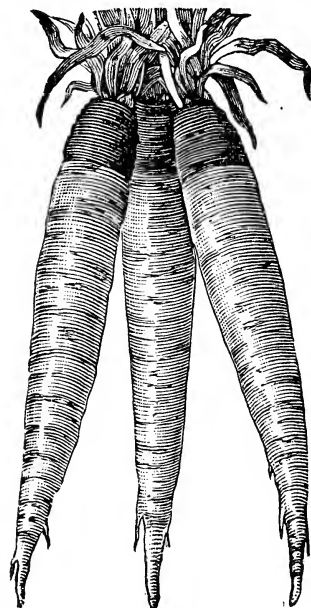
YELLOW PLUM SHAPED—Small; for preserves. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.



LIVINGSTON'S BEAUTY TOMATO.



YELLOW PEAR TOMATO.



SALSIFY

STRAWBERRY TOMATO—Of low, spreading growth, and very productive. The small yellow fruits grow enclosed in a husk. Splendid for preserves or making pies. Pkt., 5 cts.; oz., 35 cts.; $\frac{1}{4}$ lb., \$1.00.

TOMATO PLANTS.

We will have the following varieties ready in May, June and July at 10 cts. per doz.; 35 cts. per 100; \$3.00 per 1,000.

Fordhook First, Livingston's Beauty, New Stone, Ponderosa, Yellow Pear Shaped.

Salsify or Oyster Plant

MAMMOTH SANDWICH ISLAND SALSIFY OR OYSTER PLANT—The largest and best variety. Sow in March or April in 18-inch drills. Thin to 6 inches apart. Soil must be deep, light, rich and fine. One ounce to 50 feet; 8 pounds to the acre. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 75 cts.

HALIFAX COUNTY, VA., April 8th.

I received my Seeds all O. K. I have planted some of them and think your Seeds are fine. I cannot find fault with any of them and I will send you another order soon.

MISS MAGGIE STEAD.

SOUTHAMPTON COUNTY, VA., May 20th.

Your Volga Cabbage is one of the very best Winter Cabbages I ever saw. I set my plants in July, and had all the nice Cabbage I needed all through the Fall and Winter, they kept good and sound up to the last of March. I have recommended them to every one I saw as being the very best Winter Cabbage in the South.

MASON COUNTY, WEST VA., December 25th.

I was very much pleased with the Seed I got from you last year.

GEORGE I. RIFFLE.

MRS. E. J. MORRIS.

LOUISA COUNTY, VA., July 8th.

I have bought Seeds from you before and they have always proved good.

MRS. E. S. TALLEY.

Turnip

Sow Ruta Bagas from June to August in drills 3 feet apart; thin out to 6 inches. Sow Turnips from July to October for Turnips and Salad; 1 to 1½ pounds per acre in drills; 1¼ to 2 pounds broadcast. For salad 3 to 4 pounds broadcast. Can be sown in spring for summer use.

5 pounds and over, 5 cts. per pound less than single pound prices.

IMPROVED AMERICAN RED TOP WHITE GLOBE—The most popular turnip for market and table use. Our stock of this Turnip cannot be surpassed, many Turnips were produced from our stock, weighing over 8 lbs. each. Oz., 5 cts.; ¼ lb., 15 cts.; lb., 40 cts.

RED TOP WHITE GLOBE—(Imported). Oz., 5 cts.; ¼ lb., 15 cts.; lb., 35 cts.

LARGE WHITE NORFOLK—Popular for stock, for market, and for salad. Oz., 5 cts.; ¼ lb., 15 cts.; lb., 35 cts.

EARLY WHITE FLAT DUTCH (Strap-Leaved)—Pure white flat growing variety. Oz., 5 cts.; ¼ lb., 15 cts.; lb., 35 cts.

POMPERANIAN WHITE GLOBE—A large, white, globe shaped variety for main crop. Oz., 5 cts.; ¼ lb., 15 cts.; lb., 35 cts.

WHITE EGG—Oval; pure white; thin skin; grows rapidly. Oz., 5 cts.; ¼ lb., 15 cts.; lb., 40 cts.

EXTRA EARLY PURPLE TOP MILAN—The earliest variety of Turnip. Medium size, flat, with purple top. Valuable on account of its extreme earliness. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 30 cts.; lb., 75 cts.

LARGE YELLOW OR AMBER GLOBE—Reliable main crop variety for stock or market. Oz., 5 cts.; ¼ lb., 15 cts.; lb., 35 cts.

YELLOW ABERDEEN—Splendid for stock. Oz., 5 cts.; ¼ lb., 15 cts.; lb., 35 cts.

DANISH GREYSTONE—A round, white Turnip, with greenish purple top, large size and very firm, hard flesh and will not get spongy or pithy. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 20 cts. lb., 50 cts.

DANISH BORTFELDER—This Turnip has been awarded the first-class certificate several times by the Danish Government as the most productive of all Turnips. It has long root, cream color, delicate green top, rapid grower, heavy cropper and an excellent keeper. Give it a trial. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 75 cts.

EARLY RED OR PURPLE TOP (Strap-Leaved)—A desirable early variety for home or market. Oz., 5 cts.; ¼ lb., 15 cts.; lb., 35 cts.

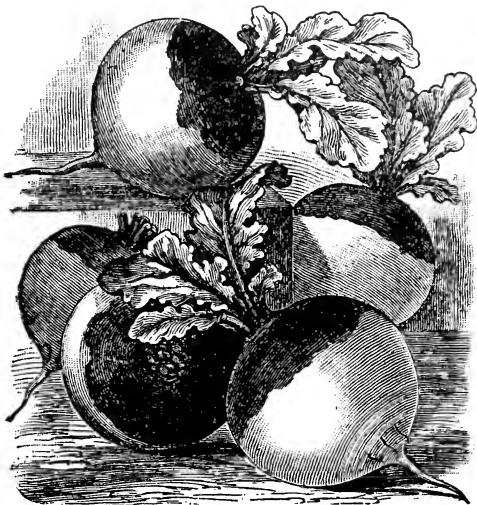
LONG WHITE COWHORN—A good variety for the table and stock feeding. Oz., 5 cts.; ¼ lb., 15 cts.; lb., 40 cts.

SOUTHERN PRIZE—Very hardy, stands cold; especially recommended for salad or stock. Oz., 5 cts.; ¼ lb., 15 cts.; lb., 35 cts.

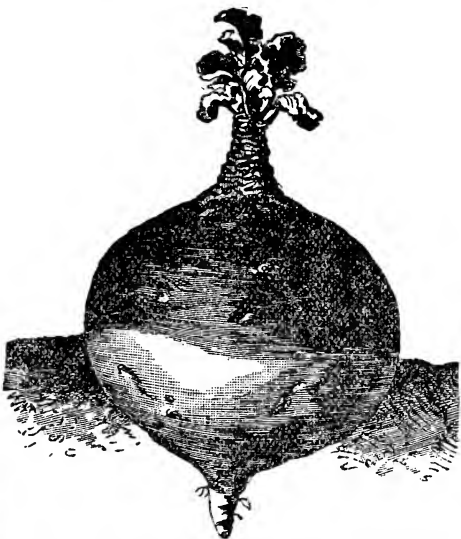
SEVEN TOP—For salad only, roots being of very little value; very hardy. Oz., 5 cts.; ¼ lb., 15 cts.; lb., 35 cts.

IMPROVED AMERICAN PURPLE TOP YELLOW RUTA BAGA—The best variety for table and for stock feeding. Oz., 5 cts.; ¼ lb., 15 cts.; lb., 40 cts.

PURPLE TOP YELLOW RUTA BAGA—Oz., 5 cts.; ¼ lb., 15 cts.; lb., 35 cts.



IMPROVED RED TOP WHITE GLOBE TURNIP.



IMPROVED AMERICAN PURPLE TOP YELLOW RUTA BAGA.

Tobacco

Everyone of our Tobacco Seed are grown on farms which comprise nearly 2,000 acres of the best Tobacco land in the Tobacco Belt. They are grown under improved scientific methods by reliable men under the superintendence of a Tobacco Grower of 46 years experience. We offer no light, cheap Seed for sale, the Seed we offer are saved from only the topmost pods of the best Plants, cleaned of all filth and imperfect Seeds and no pains nor expense is spared to give our customers the very best Tobacco Seed that can be had at any price.

Sow in February and March in a rich and perfectly clean plant bed, from which all seeds and insects have been destroyed by firing. Protect from flies and transplant about June to highly fertilized soil, $3\frac{1}{2}$ to 4 feet each way. Cultivate thoroughly and guard well against suckers and worms.

WARNE—A splendid variety for bright yellow wrappers. Grows to a large size and holds itself up well. The leaf is large, of medium breadth and very fine grained. It is tough, silky and makes one of the best varieties grown if properly managed. Comparatively new, but already very popular. Pkt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., 85 cts.

IMPROVED LONG LEAF GOOCH—In this variety we have our ideal Tobacco for Eastern North Carolina and South Carolina, and a portion of Georgia. It is an ideal variety for Sandy Soils, grows unusually large, produces large, broad leaf of No. 1 quality, cures well, brings a good price, and makes more pounds to the acre than most varieties. Pkt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., 85 cts.

IMPROVED YELLOW ORONOKO—Developed by careful, continuous selections from the Old Standard Yellow Oronoko, which has been more extensively planted for the Yellow Type than any other. Its growth is large, but erect, its leaves are large but of the finest texture. Pkt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., 85 cts.

BLUE PRYOR—The genuine James River favorite, in fact a general favorite wherever grown, and commands good prices. Rich shipper and is superior to the Kentucky Blue Pryor. Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.

SWEET OR LITTLE ORONOKO—This is a very superior Oronoko Tobacco, the leaf is long, with a good breadth, has a small stem and very fine texture, used for first-class plug fillers and makes when sun-cured the best natural chewing leaf, on account of its sweetness. It is a general favorite for the "Home-spun" wherever known, especially liked by some for its earliness and ability to stand upon the hill for some time without becoming overripe. In all respects an ideal manufacturing Tobacco. Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.

KENTUCKY YELLOW—An extra large and very superior variety which is extremely popular in the West. The leaf is unusually large but of surprisingly fine texture when size is taken into consideration. Its products are well established upon the market and in great demand. Its large size, handsome shape, and excellent quality are certain to give it a yearly increase in popularity. Pkt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., 85 cts.

BIG HAVANA—A hybrid Havana or Cuban seed-leaf. A heavy cropper of fine texture, delightful flavor and earliest cigar variety to mature and ripen. Will make two crops from one planting in the South, while its earliness makes it most desirable for high latitude. The best Americanized Havana. Pkt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., 85 cts.

IMPROVED ONE SUCKER—Plants grow to medium large size, the leaf medium size, fine grained and of excellent quality. On light, gray soil this will make a good, bright tobacco, but it is especially adapted to make a dark, heavy export tobacco. Long noted for its unusually small growth of suckers. Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.

BIG ORONOKO—The leaf is large, broad, of handsome appearance, cures well and possesses a great deal of weight and body. For strips and dark wrappers it has no superior. Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.

WHITE BURLEY—A large, broad leaf, light colored tobacco with thick, porous leaves; raised very extensively in Kentucky and is becoming a prime favorite in Virginia on account of its porous quality; is especially recommended for fillers. Pkt., 10 cts.; oz., 35 cts.; $\frac{1}{4}$ lb., 90 cts.



TOBACCO PLANT.

SURRY COUNTY, VA., February 25th.

I just received the Seeds you sent me all right and am very much pleased with them. Please send me at once the following Seeds, and oblige

MISS AMANDIA HARRIS.

ORANGE COUNTY, N. C.

The shipment of Seed received and I was especially pleased with the neat and secure way it was packed, nothing was damaged.

PRESTON LEWIS GRAY.

Miscellaneous Farm Seeds

Clovers

The prices of all Field Seeds are constantly fluctuating. Those given here are for January 10th. We will cheerfully quote prices and mail samples at any time on request.

2 1-2 bushel Cotton Sacks to hold Clovers, Timothy and Herds' Grass will be charged for extra at 22 cts. each.

I bought of you last summer some Clover Seed which were the finest I ever saw. I think every one must have come up.

FAUQUIER COUNTY, VA., July 10, 1912.

MURRAY FORBES.

CUMBERLAND COUNTY, VA., June 26, 1912.

The Clover Seed I bought of you in the spring was fine and made a splendid stand.

J. E. GARRETT.

FAUQUIER COUNTY, VA., September 6, 1912.

The Crimson Clover Seed you shipped me has certainly come up good and is looking fine.

GEO. I. KINES.

CHATHAM COUNTY, N. C., July 17, 1912.

I was more than pleased with the Crimson Clover Seed I bought of you last year, and you treated me so nicely I write you again to quote me your price on 5 bus. of Crimson Clover.

T. H. PERRY.

FORSYTH COUNTY, N. C., July 11.

The Clover Seed and Oats you shipped us have come in all right, and we are very much pleased with them.

SHELTON BROS.

MECKLENBURG COUNTY, VA., September 23rd.

Enclosed I hand you my check in payment for the Crimson Clover Seed, which you shipped me. It came to hand promptly and I find them to be very nice lot of Seed.

Please accept my thanks.

C. B. ROBERTSON.



RED CLOVER.

RED CLOVER (TRIFOLIUM PRATENSE)—This is the common Red Clover so popular everywhere—the farmer's friend, the soil restorer, the bountiful feed plant. Can be sown in the Spring from February 15th to April 1st; also from July 1st to October 1st, and will be ready for mowing the following Spring. Sow 10 or 12 pounds to the acre. Prices fluctuate. Present price—D. & B.'s Best, lb., 23 cts.; \$12.50 bu.; choice, \$12.00 bu.

MAMMOTH SAPLING, OR PEAVINE CLOVER (TRIFOLIUM PRATENSE)—Very much like the common Red Clover, but larger, heavier and later. Especially recommended for thin soils. Sow 10 to 12 pounds to the acre. Price fluctuates. Present price—D. & B.'s Best, lb., 24 cts.; \$13.00 bu.

ALFALFA OR LUCERNE (MEDICAGO SATIVA)—This grows 2 to 4 feet high; will bear cutting four or five times a year on very rich, deep soil. Will stand five or ten years with one seeding, and stands drought remarkably well. It is becoming more generally used every year; the land should be thoroughly prepared and seeded; 25 pounds to the acre. Price fluctuates. Present price—D. & B.'s Best, lb., 18 cts.; bu., \$9.00.

GERMAN CRIMSON OR ANNUAL CLOVER (TRIFOLIUM INCARNATUM)—Makes excellent green foliage, or if cut when in bloom will make good hay. Especially valuable for improving the soil, making a quick, heavy and very valuable crop for plowing under. May be sown to advantage among corn, cotton or tobacco at the last cultivation, and will afford a dense mat for turning under in spring. Sow 20 pounds to the acre from July to November. Present price—D. & B.'s Best, lb., 8 cts.; bu., \$4.25.

WHITE GERMAN OR ANNUAL CLOVER—Similar to Crimson Clover, except it has a white blossom instead of a crimson, and grows larger and is from 2 to 3 weeks later in maturing. Present price—D. & B.'s Best, lb., 10 cts.; per bu., \$5.25.

ALSIKE CLOVER (TRIFOLIUM HYBRIDUM)—This is probably the best variety to sow with other grasses for a good mixed hay. On stiff, moist soil, makes pasture, but is chiefly valuable for hay. Stands cold well, on either wet or dry soils. Largely sown for bees. Sow 10 to 20 pounds to the acre. Price fluctuates. Present price—D. & B.'s Best, 25 cts. lb.; \$14.00 bu.

WHITE DUTCH CLOVER (TRIFOLIUM REPENS)—Thrives in any soil or climate, and being of low, creeping growth, is especially valuable for pastures and lawns. D. & B.'s Best, per lb., 45 cts.; 10 lbs., or over at 44 cts. lb.

BOKHARA, OR SWEET CLOVER—This is a good clover to sow on poor or thin land as an improver and to prevent washing. It is very hardy and stands heat and drought remarkably well. It makes good grazing while young and also makes good quality hay if cut before it blossoms, but if allowed to grow tall or blossom it gets hard and woody. Is a good crop to sow to inoculate soil to be followed in alfalfa; is also valuable for bees; we would recommend a trial of this Clover on poor soil. Sow about 10 lbs. to the acre. Per lb., 15 cts.; 10 lbs. or over, at 14 cts. lb.

BURR CLOVER—When seeded in the summer or early fall this Clover will make a valuable grazing crop from November until June. It reseeds itself and improves in growth each succeeding year. Is also a valuable soil improver. Sow 15 lbs. to the acre. D. & B.'s Best, Recleaned seed, per lb., 20 cts.; 100 lbs., \$16.00.



CRIMSON CLOVER.

FARMOGERM

(High-Bred Nitrogen Gathering Bacteria)

Increase the Yield of all Legumes and Permanently Enrich the Soil



State which of these crops you want FARMOGERM FOR—

Cow Peas
Soja Beans
Peanuts
Alfalfa
Clover (what kind)
Canada Field Peas
Garden Peas
Garden Beans
Sweet Peas

The Nodules or lumps produced by Farmogerm on the roots of Cow Peas, Soja Beans, Clovers, Alfalfa, Peanuts and other legume crops, analyze about 8 per cent. Nitrogen. Stop and think what it means to the growing plants to have this abundant supply of the most essential of all plant foods and what it means to following crops when nature releases these store houses of plant food.

ANOTHER THING! Inoculation often means the difference between success and failure with legume crops, and you can't afford to take this chance when it costs so little to secure this kind of Legume Crop Insurance.

The best experiment stations in all parts of the country indorse Farmogerm and thousands of successful farmers are growing better crops and reducing their cost of fertilization by this method. Write us for Farmogerm Booklet.

Garden Size, 50c. By mail, 56c.
Farm Trial Size, 1 acre, \$2.00. By mail, \$2.10.
Farm Size for 5 acres, \$9.00.

WHAT PROF. W. F. MASSEY SAYS.

"Years ago I tried the artificial cultures of legume bacteria. These experiments made me very doubtful of the value of any of the artificial cultures. But of late I have carefully investigated these claims. I have seen the results of the inoculation of the seed of the legumes with this culture and have made an experiment with it myself. That this culture will wonderfully increase the number of the nitrogen-fixing bacteria on the legumes, I no longer have any doubt, and I am satisfied that here at last we have a handy and certain means for the inoculation of the seed of the different legumes that will introduce immensely, more and more vigorous bacteria than any other method I am acquainted with.

I am now, after being a "Doubting Thomas," ready to recommend the use of Farmogerm to the farmers for the inoculation of legume seed."

W. F. MASSEY.

OUR SPECIAL GRASS MIXTURE

FOR HAY AND PERMANENT PASTURES.



D. & B's Grass Mixtures---Unexcelled

It has long been an established fact that Grass Seed sowed in mixture makes a far better yield of hay and also a better pasture than when one variety is sowed alone. We have made a study of Grass Mixtures and in offering the following we have the ideal mixtures for the purposes for which they are recommended. Only the highest grade of seed are used and they are thoroughly mixed in the proper proportions to get the best results. In the Hay mixtures we use only the Grasses which have proven the best to sow together and which mature and ripen together, which is, of course necessary to get the best crops. We have most flattering testimonials from many of our customers telling us of their enormous yields and splendid results they have had from seeding our mixtures. We recommend them with entire confidence, and we feel sure that they cannot be improved upon, but should any of our customers prefer a different mixture, we will be glad to mix them in any proportion they may want.

D. & B.'S GRASS MIXTURE.

No. 1 FOR HAY OR PASTURE.

Recommended for light or loamy upland, for either hay crop or grazing purposes.

COMPOSED OF

Orchard Grass. Tall Meadow Oat Grass.
Perennial Rye Grass. Red Clover.

These Grasses mature and ripen together, making a splendid hay. Sow 30 to 35 lbs. to the acre.

Price, per lb., 18c; 10 lbs., 16c lb.; 100 lbs., \$15.00.

D. & B.'S GRASS MIXTURE.

No. 2 FOR PASTURE.

Recommended for light or loamy upland.

COMPOSED OF

Orchard Grass. Tall Meadow Oat Grass.
Perennial Rye Grass. Herds Grass.
Canada Blue Grass. Red Clover.
White Dutch Clover.

Sow 30 to 35 lbs., to the acre.

Price, per lb., 17c; 10 lbs., 16c lb.; 100 lbs., \$15.00

D. & B.'S GRASS MIXTURE.

No. 3 FOR HAY.

Recommended for stiff, heavy or low lands.

COMPOSED OF

Timothy. Herds Grass.
Mammoth Clover. Alsike Clover.
Meadow Fescue.

These Grasses mature and ripen together.

Sow 20 lbs., to the acre.

Price, per lb., 17c; 10 lbs., 16c lb., 100 lbs., \$15.00.

D. & B.'S GRASS MIXTURE.

No. 4 FOR PASTURE.

Recommended for stiff heavy or low lands.

COMPOSED OF

Kentucky Blue Grass. Herds Grass.
Alsike Clover. White Dutch Clover.
Meadow Fescue.

Sow 30 to 35 lbs. to the acre.

Price, per lb., 17c; 10 lbs., 16c; 100 lbs., \$15.00.

Grasses

Owing to the greatly reduced prices on most Grass and Farm Seeds and the continued high prices of Hay and Feed Stuff, this year will be a most favorable time for the farmers to avail themselves of the opportunity to sow their lands in Grass. We have nice stocks of unusually high grade Farm Seeds.



TALL MEADOW OAT GRASS.

ORCHARD GRASS (*DICTYLIS GLOMERATA*)

—This is one of the most reliable grasses for hay or pasture in this section, making quick, vigorous and continuous growth from early spring to winter. Sow 2 bushels per acre in spring or fall, and in any soil; loamy upland is best. Also excellent to mix with other grasses. Price fluctuates. Present price—D. & B.'s Best, \$1.70 per bu.

TALL MEADOW OAT GRASS (*AVENA ELATIOR*)—A most valuable grass for the South, as it stands heat and drought well and flourishes on dry-light soils. Splendid for pastures and for hay; may be cut twice in a season. Sow 2 1-2 bushels to the acre. Price fluctuates. Present price—Per bu., D. & B.'s Best, \$1.85.

TIMOTHY (*PHLEM PRATENSE*)—Very nutritious, and salable for hay, but not so good for pasture, as it is injured by close cutting or grazing. Thrives best on heavy soils, especially if moist, and should not be sown on light, dry land. Good results are obtained

if mixed with Red Top Herd's Grass, Sapling Clover, Alsike or some grass maturing at same time. Sow 15 pounds to the acre. Price fluctuates. Present price—D. & B.'s Best, per lb., 7 cts.; \$2.50 per bu.; choice, \$2.40 per bu. of 45 lbs.

RED TOP, OR HERD'S GRASS (*ARGROSTIS VULGARIS*)—This excellent pasture and hay grass does well on any soil. But, perhaps, thrives better on moist, heavy soils than on light. It spreads and thickens from year to year, and will gradually supplant other grasses. Matures at same time as Timothy, with which it makes a good mixture. Sow 10 to 12 pounds clean seed to the acre. Price fluctuates. Present price—D. & B.'s Best, fancy recleaned, 13 cts. per lb.; 100 lbs., \$12.00. Unhulled seed, 10 cts. per lb.; \$9.00 per 100 lbs.

KENTUCKY BLUE GRASS (*POA PRATENSIS*)—This grass succeeds best on limestone soil, but does well on any stiff soil. Stands cold, but does not do well in extreme heat. Grows slowly at first, making a thick, compact turf. First-class for lawns or pasture. Succeeds better, however, when mixed with other grasses. Sow in fall or spring. Two and a half bushels to the acre. Price fluctuates. Present price—D. & B.'s Best, per lb., 20 cts.; \$1.75 per bu. of 14 lbs.

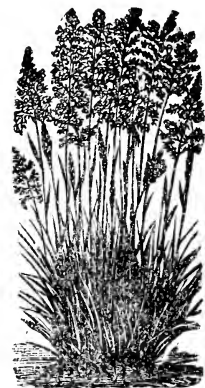
CANADA BLUE GRASS (*POA COMPRESSA*)—Similar to the Kentucky Blue Grass, and is recommended by authorities on grasses for our Southern soils, as it is very hardy and resists drought. We specially recommend its use in mixtures for lawns and pastures. Per lb., 20 cts.; per bu. of 14 lbs., \$1.50.

MEADOW FESCUE, RANDALL, OR ENGLISH BLUE GRASS (*FESTUCA PRATENSIS*)—Remains green all winter, making fine, nutritious pasture, and also yields well as a hay crop. Largely used for grazing. Sow 2 bushels to the acre. Price fluctuates. Present price per lb., 15 cts.; per bu., of 14 lbs., \$1.75.

PERENNIAL RYE GRASS (*LOLIUM PERENE*)—Good for hay and pasture, if sown on strong, moist soil, but does not stand drought well. It grows rapidly and matures very early, and lasts several years. Sow 30 pounds to the acre. Price fluctuates. Present price—per lb., 10 cts.; per bu. of 14 lbs., \$1.10.



ORCHARD GRASS.



KENTUCKY BLUE GRASS.

COLUMBIA, VA., February 1st.
For years I could never get a good stand of Clover or Grass Seed on my farm and thought the trouble was due to the condition of my land. I would only get a half stand of Clover and Grass Seed and the other half weeds. Three years ago I began buying my Grass and Clover Seed from you, and I have been getting good stands of clean Grass and Clover ever since.

W. L. Moon.

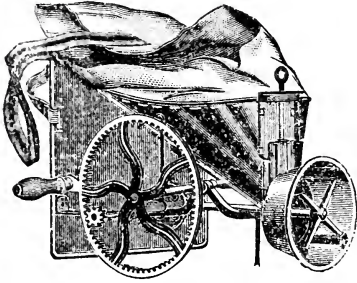
ITALIAN RYE GRASS (LOLIUM ITALICUM)—Larger and stronger than Perennial Rye Grass; has large, broad, glossy green blades. Thrives best on moist, fertile soils, furnishing three or four cuttings a year. Sow 3 bushels to the acre. Price fluctuates. Present price—per lb., **10 cts.**; per bu. of 14 lbs., **\$1.10.**

BERMUDA GRASS—A valuable grass for permanent sod, and especially recommended for dams and terraces, as it has long, tough roots and of a matty growth; prevents land washing; would not advise sowing on land which is to be planted in other crops, as it is very tenacious in habit and very hard to eradicate after it once gets a hold. It is very similar to our Virginia Wire Grass. Sow in March or April, 3 to 5 pounds to the acre, in well-prepared soil. Lb., **80 cts.**; 10 lbs. or over, at **75 cts.** per lb.

CREEPING BENT GRASS (AGROSTIS STOLONIFERA)—Very hardy, standing trampling^g of pasture or lawns better than any other grass. Thrives best on moist lands. Sow 40 pounds to the acre. Price fluctuates. Present price—Per lb., **30 cts.**; 10 lbs. and over, at **28 cts.**

HARD FESCUE (FESTUCA DURIUSCULA)—This makes excellent lawns and pasture on dry soils and stands drought well; keeps green all winter. Sow about 35 lbs. to the acre. Price fluctuates. Present price—Per lb., **25 cts.**; 10 lbs. or over, at **22 cts.**

SHEEP FESCUE (FESTUCA OVINA)—Excellent for sheep pastures and flourishes on dry, rocky soil where other grasses will not grow. Makes a short, thick, deep turf, especially valuable for pleasure grounds. Sow about 3 pounds to the acre. Price fluctuates. Present price—Per lb., **25 cts.**; 10 lbs. or over, at **20 cts.**



The Cahoon Broadcast Seed Sower

The standard broadcast seeder and the best manufactured. Sows all kinds of grain, Clover, Timothy and heavy seeds. Very simple in operation and sows 4 to 6 acres an hour at a common walking gait. Distributes seeds uniformly in one-fifth the time required by hand. Circular on request. Price, **\$2.75.**

The Bermuda Grass which we bought from you last fall gave us very fine results. We are thinking of sowing more of it.

GUILFORD COUNTY, N. C.

GREENSBORO COUNTRY CLUB.

Louisa County, Va., August 23, 1912.

This year I cut the largest crop of valuable Hay that I have cut for many years from your Mixture of Grass Seed, which you shipped me in September, 1910.

W. C. CARPENTER.

Charles City County, Va., September 3, 1912.

I take great pleasure in advising you of my splendid success with your mixture. This was Seeded on the 12th of last September on good land, but no lime or fertilizer was used. On June 17th I cut the second crop amounting to something over 3 tons of Hay, making a result of 8 tons from 3 acres of land. It is I think the most desirable crop we can grow in my section.

F. L. DOUTHAT.

Orange County, Va., July 13, 1912.

The Seeds you have shipped me have proven very satisfactory. I made 3 tons of Hay off of the land on which your Seed were sown last fall, and I expect to get 5 tons from the same land next year.

W. W. OSBORNE.

Henrico County, Va., February 1, 1912.

I have the prettiest stand of Grass I ever saw, it looks better at this season of the year than any I ever saw, and this is saying a good deal, as I have farmed all my life in the Blue Grass Section, in fact all the Seeds I have bought from you have been very satisfactory in every way.

T. H. BRONAUGH.

FLUVANNA COUNTY, VA., March 18, 1912.

Your Seed have always proved extra good for us and I will tell my friends about them, and will always try to get your Seed.

G. C. ANDERSON.

ALBEMARLE COUNTY, Va., March 9, 1912.

We got good Seed from you last Spring. Please ship us the following.

J. W. & S. CORNELL.

DINWIDDIE COUNTY, VA., June 22, 1912.

The Seed arrived all right and I was highly pleased with them. Thanks for prompt shipment.

J. M. FISHER.

AUGUSTA COUNTY, VA., November 14, 1912.

The Seed I bought from you this year were the best I ever sowed. I sowed them the 23rd of May. I was called away from home on the first of June and returned home on August 10th. I was therefore away two months and 10 days. In the meantime the garden had grown in weeds, but I was much surprised to find that every vegetable I had planted had grown in the weeds, and they were larger and better than my next door neighbor's vegetables were, and he had cultivated his from the time he planted them.

You will certainly receive my order for Garden Seed not only next year, but every year.

EROL CROWDER.

D. & B's Selected Seed Corns

Owing to the great care we exercise in growing and selecting our Seed Corns and the superiority of our strains the demand for our Corns have increased marvelously within the last few years.

All of our Field Corns are raised in Virginia, selected and grown under contract especially for seed purposes. The seed is saved only from the largest and best ears, and the ends of the ears are cut off before shelling, which leaves only the largest and best grains for seed.

FULTON COUNTY, GA., March 31st.

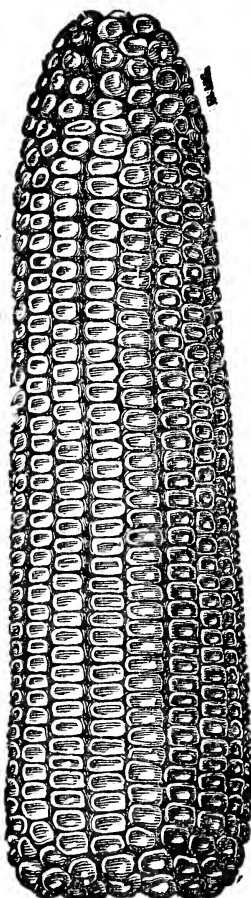
We find your Corns nicely cured and not apt to spoil, as is the case with Corn we have heretofore purchased from some of your competitors.

MARK W. JOHNSON SEED CO.

HALIFAX COUNTY, N. C., March 25, 1912.

We made a splendid crop from the Seed Corn we got from you last season.

THE SCOTT CO.



THOMPSON'S PROLIFIC
CORN

THOMPSON'S PROLIFIC—This has proven to be a superior variety of field corn. It was introduced by us several years ago, and many of our customers tell us it is the most profitable corn they have ever grown. It does not grow as tall, or have as large a stalk as Cocke's or Blount's Prolific, but has from 2 to 4 ears to the stalk. The ears are larger than either Cocke's or Blount's with white, deep grains. It is decidedly the best prolific corn for medium land. Qt., 15 cts.; pk., 50 cts.; bu., \$1.50.

POWHATAN, VA., March 3rd.

From the Thompson's Prolific Corn I got from you last year I made 17 bbls. per acre and got the first prize for the largest yield of Corn per acre in Powhatan County.

C. C. COSBY.

BATT'S FOUR EAR PROLIFIC—This corn was originated and introduced a few years ago by Mr. J. F. Batts, of Wake County, N., C. after many years of careful selections, and with it he has made most phenomenal yields, the record yield being 228 bushels to the acre. We secured our seed stock direct from Mr. Batts from which our stock was raised in Virginia, and a most excellent crop was made. Qt., 20 cts.; pk., 65 cts.; bu., \$2.00.

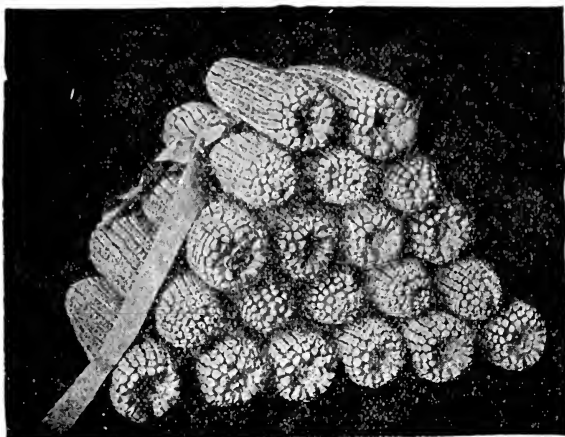
COCKE'S PROLIFIC—A very valuable white variety, making enormous yield on rich land. Especially adapted to river bottoms or lands subject to overflows, on account of its flintiness it can be shocked and harvested early and will not rot in the shock; grains white and flinty; superior quality for meal and hominy. Qt., 15 cts.; pk., 60 cts.; bu., \$1.60.

BLOUNT'S PROLIFIC—Remarkably prolific white corn of flinty nature, producing three to six ears to the stalk. Makes splendid meal. We recommend it only for rich land. Qt., 15 cts.; pk., 60 cts.; bu., \$1.60.

BOONE COUNTY WHITE—A large eared variety of white corn. It has deep, soft and very white grains; it is a vigorous grower and has become very popular and has probably taken more premiums than any other variety of corn for the last few years. Being a soft corn it is excellent for stock feeding, but is more liable to rot on the stalk in a bad, wet season than harder varieties. Our seed is grown from premium stock. Qt., 15 cts.; pk., 50 cts.; bu., \$1.60.

HICKORY KING—Very large, pearly white grains; very small cob; especially good variety for high land. Qt., 15 cts.; pk., 60 cts.; bu., \$1.75.

WHITE GOURD SEED, OR HORSE TOOTH—A very deep grain corn, with large ears and small cob. One of the most popular for medium or light land. Qt., 15 cts.; pk., 50 cts.; bu., \$1.50.



COLLIER'S EXCELSIOR.

We offer this splendid Corn on the cob, selected ears, at **\$2.50** per bu. of 70 lbs.

We also offer a limited quantity of the most perfect and uniform ears from the best stalks selected in the field at **\$3.00** per bu. of 70 lbs.

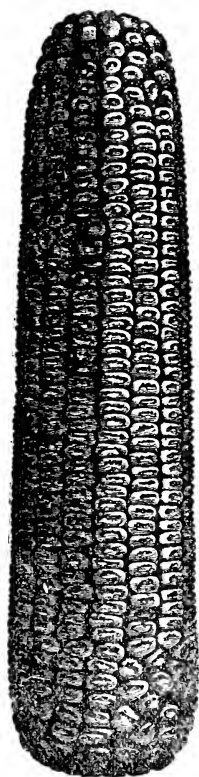
VIRGINIA WHITE DENT—An old favorite; has long, deep grains; small cob; yields well on medium soils. Excellent for market or ensilage. Qt., 15 cts.; pk., 45 cts.; bu., **\$1.50**.

VIRGINIA ENSILAGE—A large white corn with abundance of foliage which is used extensively for ensilage and fodder; also makes good yield of corn. Qt., 15 cts.; pk., 45 cts.; bu., **\$1.40**.

YELLOW GATE POST—A deep grain bright yellow corn, with large ears and small cob. Has small stalk and ears grow near to the ground. It matures early and cures easily. It will become a very popular variety when it becomes better known. It is one of the largest yielding yellow corns grown in this section. Qt., 15 cts.; pk., 50 cts.; bu., **\$1.60**.

IMPROVED GOLDEN DENT—The most popular yellow corn; large, deep grains; small cob; early and hardy. Qt., 15 cts.; pk., 50 cts.; bu., **\$1.60**.

VIRGINIA YELLOW DENT—A standard yellow dent variety. Qt., 15 cts.; pk., 50 cts.; bu., **\$1.50**.



WARWICK Co., VA., Jan. 3, 1913.

Gentlemen:

The Improved Golden Dent Corn from you last year was O. K.

C. C. STRINGFIELD.

CUMBERLAND COUNTY, VA., May 23rd.

Your firm is highly endorsed and recommended for promptness and satisfaction by my neighbors. I therefore am enclosing herewith my order for Seed Corn.

MISS KATHERINE HARRISON, IMP'D. GOLDEN DENT.

SUSSEX COUNTY, VA., March 26, 1912.

Enclosed herewith I hand you my check. Thank you very much for your promptness in filling my order.

W. S. NEWELL.

LUNENBURG COUNTY, VA., March 26, 1912.

Enclosed please find my check. I received the Seeds on yesterday, and I am certainly pleased with them, everything came just as I ordered it.

Thanking you again I beg to remain.

F. W. ENGLAND.

CHARLES CITY COUNTY, VA., June 18, 1912.

We got our seed from you in March. They were very good and our garden is looking fine.

REV. JOS. BAKER.

CHARLES CITY COUNTY, VA., March 6th.

I will not use any Garden Seed except from Diggs & Beadles. Your Seeds are splendid and give satisfaction throughout the neighborhood. They gave me such a good turnout that I will always buy my Seeds from you.

MRS. M. F. BOWMAN.

Oats



A FIELD OF BURT OR NINETY DAY OATS.

BURT, OR NINETY DAY OATS—The best Spring Oats, as it is the earliest, nearly rust proof, hardy and vigorous and yields more grain than any other spring oats. The seed resembles the Red Rust Proof, but is not as large or as heavy. Per bu., 75 cts.; 10 bu. and over, at 73 cts. per bu.

NEW KENT COUNTY, VA., June 24th.

I have been sowing Spring Oats for the last 5 years and I have never had any to beat the Burt or 90 Day Oats which I bought of you this Spring. They are now ready to cut and will average from 4 to 5 feet tall, with fine grains. I sowed them in April on land which could hardly be called medium. I wish it was convenient for me to thrash these Oats to see what the yield would be.

J. W. HOCKADAY.

KING WILLIAM COUNTY, VA., June 26, 1912.

The Burt Oats I bought from you this Spring are the nicest I ever raised. I cut some of them for Hay in 60 days from time of sowing. Many thanks for your kindness.

T. L. D. MUIRE.



VIRGINIA GRAY WINTER OF TURF OATS—This has long been by far the most popular variety in this State, and is now extending into all parts of the South and West. Though a winter oat, they also succeed well if sown in the spring, making surest crop if sown by March 15. Sow $1\frac{1}{2}$ to 2 bushels to the acre. Price fluctuates. Present price—Per bu., of 32 lbs., 85 cts.; 10 bus. at 83 cts.

RED RUST PROOF OATS—A very desirable early variety for heavy soils and low, moist grounds, where rust attacks other varieties. Yields abundantly of large, heavy grain, but does not grow as tall as the winter oat. Price fluctuates. Present price—Per bu., of 32 lbs. 60 cts.; 10 bu. and over, at 58 cts. bu.

BLACK SPRING OATS—A hardy black seeded spring oat which makes a very good crop of grain. Price fluctuates. Present price—65 cts. bu.; 10 bu. lots, at 63 cts.

WHITE SPRING OATS—A large, heavy White Oat for spring seedling. Price fluctuates. Present price—D. & B.'s Best, per bu., 65 cts.; 10 bus. and over, at 63 cts.

Choice, per bu., 58 cts.; 10 bus. and over, at 56 cts.

MECKLENBURG COUNTY, VA., July 22, 1912.

From the Seed I bought from you last year I have about 150 bus. of the nicest Virginia Gray Winter Oats I have ever seen.

JNO. T. LEWIS.

POWHATAN COUNTY, VA., December 11, 1912.

I got a splendid stand from the Oats and Clover I bought from you, and both crops are looking grand

J. E. JUSTIS.

ORANGE COUNTY, VA., March 17, 1912.

I like the White Spring Oats that you have shipped me so well that you will please send me 15 bus. more at once and oblige,

A. M. DANIEL.

WINTER RYE—This is largely cultivated for pasture in winter, for earliest green feed, and for turning under as well as for the grain. Sow from July to December; $1\frac{1}{2}$ to 2 bushels to the acre. Price fluctuates. Present price, 90c per bu.

WINTER BARLEY—Sow from September to November; 1 to $1\frac{1}{2}$ bushels per acre. Price fluctuates. Present price—Per bu. of 48 lbs., **\$1.10**.

SEED WHEATS—We will have in season all of the best varieties of seed Wheat. Send for special list in September.

Field and Cow Peas

This is one of the best crops that can be grown for enriching the soil; even if the entire crop of vines are cut off and removed, the roots, by their ability to add nutritious qualities to the soil, improving the poorest land and enriching the richest. It is also a splendid forage and field crop, producing a heavy growth of excellent feed.

PRICES OF COW PEAS ARE CONSTANTLY CHANGING, WRITE US FOR PRICES WHEN READY TO BUY.



COW PEAS.

CANADA FIELD PEAS—This variety is not considered a cow pea, but is of the English pea family. Has small seed and pods, grows 4 to 5 feet high and makes excellent early hay. We recommend sowing Rust-Proof Oats with these in February or March at the rate of 1 bushel peas and 1 bushel of oats to the acre. They also do well when sown in November with either wheat, rye, oats or barley. Owing to the short crop of these peas this year the prices are higher than usual. Per bu., **\$2.65**.

EXTRA EARLY BLACK EYE—A smaller, but the earliest strain of the well-known Black Eye Pea. Medium size; very productive; good flavor, and especially valuable for market, owing to its extreme earliness. Pkt., 10 cts.; qt., 25 cts.; pk., **\$1.50**. bu., **\$5.50**.

EARLY RAM'S HORN—A large second early Black Eye Pea, coming in between the extra early and the large Black Eye. Mostly used as a table pea while green. D. & B.'S Extra Large—Qt., 20 cts.; pk., **\$1.00**; bu., **\$3.75**. Choice, qt., 20 cts.; pk., 90 cts.; bu., **\$3.25**.

LARGE BLACK EYE—The well-known standard variety, good either green or dry. For table purposes. Qt., 15 cts.; pk., 85 cts.; bu., **\$3.00**.

BLACK PEAS—This is the popular variety for forage and for turning under. Very prolific, quick grower, rich and nutritious. Qt., 15 cts.; pk., 65 cts.; bu. about **\$2.25**.

NEW ERA COW PEAS—An extra early cow pea. Makes a very heavy growth of vine and is very prolific of peas, which are speckled and very small. and on this account it does not require near as many seed to an acre. One bushel or even less is sufficient. Qt., 15 cts.; bu., about **\$2.40**.

WONDERFUL, OR UNKNOWN—Of late maturity, but produces a very large, heavy yield of vines and bountiful supply of peas. Plant in May or June. Qt., 15 cts.; pk., 65 cts.; bu., about **\$2.35**.

WHIPPOORWILL—Very early, brown speckled peas; vines grow in bunches instead of runners. Qt., 15 cts.; pk., 65 cts.; bu., about **\$2.40**.

CLAY—Resembles the Black Pea, in growth, but not as early. Heavy vines; prolific yielder of peas. Qt., 15 cts.; pk., 65 cts.; bu., about **\$2.35**.

MIXED COW PEAS—We offer a choice mixture of the principal varieties, which some farmers think produces a thicker and better crop than any single variety. Pk., 65 cts.; bu., about **\$2.25**.

COW PEAS MIXED WITH SOJA BEANS—The advantage of sowing Cow Peas with Soja Beans for hay is that the strong stiff stalk of the Beans hold up the peas so that they can be cut better and they cure better and make better and more hay than peas grown alone. Bu., about **\$2.15**.

HANOVER COUNTY, VA., May 11th.
I have found that Diggs & Beadles are the people who deal square.

H. B. SMITH, JR.

GLOUCESTER COUNTY, VA., March 24th.
Enclosed find my check. I am very much pleased with the Seed just received.

B. F. LINDSAY, SR.

ALBEMARLE COUNTY, VA., June 1st.
I am very much pleased with the Seeds I ordered of you.

G. W. SELLERS.

KING WILLIAM COUNTY, VA., May 4th.
All of the Seeds I have bought of you have come up nicely.

MRS. J. E. TRICE.

MAMMOTH YELLOW SOJA BEANS.

A splendid forage crop, nutritious, heavy growth, improves the soil, makes good ensilage, and withstands drought better than any other forage crop. Makes excellent hog food. Sow 1 to 1½ bushels to the acre broadcast, or plant in drills, ½ bushel to the acre, and cultivate like corn. Qt., 15 cts.; pk., 60 cts.; bu., about \$2.10.

VELVET BEANS.

This is a very rapid growing bean, and makes a larger growth than any other pea or bean known. They are especially recommended for improving poor, worn out lands. Can be sown broadcast, but we think it best to plant in drills and cultivate them once. After they get started they will soon cover the ground with vines so dense that it is difficult to plow them under. We recommend turning stock on them and let them eat and trample down the vines, which can then be turned under or left until spring. Should be planted in May or June, 1 or 2 pecks to the acre, in drills, or 1 bushel broadcast. Qt., 20 cts.; pk., \$1.00; bu., \$3.50.



SOJA BEANS.

WHITE NAVY BEANS.

A very profitable market crop and a good table bean. Only the dried beans are used. Plant in June or July in 3-foot rows; 1 to 2 pecks to the acre. Height 12 inches. Qt., 15 cts.; pk., 85 cts.; bu. about \$3.00.

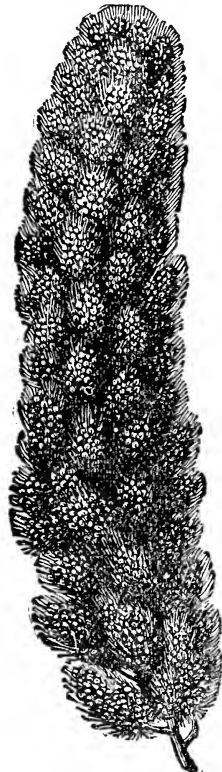
SORGHUMS, MILLETS AND FODDER PLANTS.

KAFFIR CORN—A popular forage crop. Heavy growth; very nutritious; grain makes a particularly valuable feed for stock and poultry. Especially good for sowing with cow peas. Lb., 10 cts.; pk., 35 cts.; bu., \$1.00. Special prices in large lots.

YELLOW MILO MAIZE—Largely used for feeding to cattle green; can be cut and fed green when 3 or 4 feet high, and will continue to grow out and can be cut until frost. Sow in May or June; 5 pounds to the acre in drills. Per lb., 10 cts.; 10 lbs. or over, at 7 cts.; 100 lbs., \$5.00.

GERMAN OR GOLDEN MILLET—This grass, if sown thickly, produces an enormous quantity of good feed. Sow from May to July; 1 bushel to the acre. Price, about \$1.30.

PEARL OR CATTAIL MILLET—This variety gives an enormous yield of very valuable forage. Plants grow 12 feet high, but may be cut at 3 feet, when it will thicken up, and may then be cut continuously until frost, giving abundant supply of rich green food; also valuable as a dry hay. Sow in drills, 5 pounds



GERMAN MILLET.

to the acre, or if broadcast, 25 pounds. Pkt., 5 cts.; lb., 10 cts.; 10 lb., and over at 8 cts.; 100 lbs., \$7.00.



KAFFIR CORN.

CHESTERFIELD COUNTY, VA., February 15, 1912.

The Kaffir Corn I bought of you last year did splendid. I sowed it on low land in May and commenced using it green the first of August. Some of it grew 6 to 8 feet before it headed. It was the best in this section. If the season had been favorable I would have made an enormous yield. It makes an excellent feed for cows.

M. L. WHITLOCK.

JAPANESE BUCKWHEAT.

This is a profitable crop for either grain, flower food for bees, soil enricher, or to kill out weeds. Splendid for poultry. Sow 1 bushel to the acre in June, July or August. Pk., 40 cts.; bu., about \$1.10.

IMPROVED EVERGREEN BROOM CORN—Green color; grows long, straight, and brings highest market price for making brooms. The best variety. Sow in 3-foot drills and thin plants to 3 inches. Sow 5 pounds to the acre. Pkt., 5 cts.; lb., 10 cts.; bu., about \$2.00.

EARLY AMBER SORGHUM—Grows 10 or 12 feet high; yields heavy, nutritious forage, either dry or cured; very sweet, making good syrup. Sow broadcast, 1½ bushels to the acre, in drills 1 peck. Price fluctuates. Lb., 10 cts.; pk., 40 cts.; bu., about \$1.30.

EARLY ORANGE SORGHUM—Similar to Early Amber, but yields heavier. Price fluctuates. Lb., 10 cts.; pk., 40 cts.; bu., about \$1.30.

TEOSINTE—This is a valuable fodder plant, resembling corn, but with larger leaves and sweeter stalks. Much relished by stock either green or as dry fodder. Yields enormous crops, and may be cut five or six times a year. Stalks 10 or 12 feet high. Drill in May or June, 3 lbs. to the acre. Per oz., 5 cts.; ¼ lb., 15 cts.; lb., 50 cts.



TEOSINTE.

VETCHES.

SPRING VETCH—Better for spring sowing than the Winter Vetch. A nutritious and valuable forage and soil-improving crop. Large and quick growth. Sow 50 pounds to the acre. Per lb., 7 cts.; 25 lbs. and over, at 6 cts.; per 100 lbs., \$5.00.

HAIRY SAND, OR WINTER VETCH—Sow from July to November, preferably with grain, which will hold Vetch off the ground. Sow 40 pounds to the acre. Per lb., 12 cts.; 100 lbs. and over, at \$10.50.

GIANT BEGGAR WEED—A good forage plant, particularly adapted to the South on thin, sandy soil. Makes a vigorous growth from 2 to 5 high, and is good for forage or as a soil improver. Lb., 40 cts.; 5 lbs., at 38 cts.

PEANUTS.

Plant in May, 12 inches apart, in 3-foot drills. Cultivate flat and keep well worked. Peanuts should be shelled before planting.

SPANISH—Nuts small, and have a thin hull, full kernel, and yield enormously. The vines and roots make excellent feed for stock. Qt., 15 cts.; by mail, 25 cts.; pk., 60 cts.; bu., \$2.00. Shelled—qt., 30 cts.; pk., \$1.85; bu., \$7.00.

VIRGINIA—The large variety. Qt., 15 cts.; by mail, 25 cts.; pk., 50 cts.; bu., \$2.00.

JERUSALEM ARTICHOKEs.

Artichokes are grown only from tubers, like potatoes. They are very prolific and make excellent hog feed; claimed to be very healthy for stock, and said to be a preventive of cholera. The tops cut and cured like fodder make excellent forage; we consider it a most valuable crop, and those who raise hogs cannot afford to be without it. Pk., 40 cts.; bu., \$1.25; Special prices in large quantities.

MAMMOTH RUSSIAN SUNFLOWER.

This is highly prized by poultry raisers and farmers as a cheap food for fowls. It is immensely productive and can be raised cheaper than corn, as any waste piece of ground will suffice. It is a good egg producing food. Per lb., 10 cts.; 3 lbs., 25 cts.; 10 lbs. and over, at 7 cts. per lb.

DWARF ESSEX RAPE.

Excellent for grazing sheep, hogs and all kinds of stock. Especially valuable for sheep and hogs with young, as it is an excellent milk producer. The young animals will also eat it with relish. It is hardy, stands cold, and ready in eight weeks after sowing. Sow 8 lbs. to the acre broadcast; 4 lbs. if drilled. Per lb., 10 cts.; 10 lbs. and over, at 9 cts.; 25 lbs., at 8 cts.; lb., 100 lbs. lots, at \$7.00.



SPRING VETCHES.



We have endeavored to make our list of Flower Seeds as complete as possible by a judicious selection of the best sorts, so that our customers would not get bewildered among a labyrinth of varieties, many of which are of no special merit. Flower Seeds priced at 5 cents per packet are 6 packets for 25 cents; or 25 packets, your own selection, for \$1.00; 10 cent packets are 3 for 25 cents; or 13 for \$1.00. The letter "A" after the name of the flower indicates that the flowers are annuals and blossom only the first year it is planted, and the seed should be planted each year. The letter "P" indicates that the variety is a Perennial and comes up and blossoms for several years after sowing.

AGROCLINIUM—Everlasting (A).

A very pretty, half hardy annual, producing white and rose colored double daisy-like flowers, about $1\frac{1}{2}$ inches in diameter. These are the "Immortelles," so desirable for wreaths and winter bouquets. Height, 15 inches.

Mixed Colors—Pkt., 5 cts.

AGERATUM (A).

A beautiful hardy annual. The flowers are borne in dense clusters and are very useful for bouquets. The plants are very attractive in the garden, being covered with bloom nearly all summer.

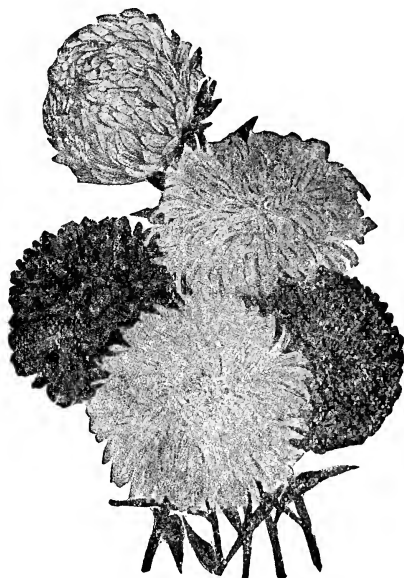
Mixed Colors—Pkt., 5 cts.

ALYSSUM (A).

A hardy annual which begins to flower when very young, and is literally covered almost all the season with its sweet white flowers. It is especially adapted to borders or for rock work in the summer, and may be used effectively in window boxes for winter blooming.

Little Gem—This is the prettiest variety, being so dwarf and full of bloom that it has been aptly named "The Carpet of Snow." Four inches high. Pkt., 5 cts.; oz., 30 cts.

Sweet—The old garden favorite familiar to all. Being of trailing habit, it is better than the Little Gem for rockeries or window boxes. Pkt., 5 cts.; oz., 25 cts.



VICTORIA MIXED ASTERS.

STERLINGWORTH PLANT TABLETS

A NEW INVIGORATOR FOR HOUSE PLANTS AND VEGETABLES

STERLINGWORTH PLANT TABLETS are a clean, odorless, concentrated, plant stimulant and invigorator. Their use promotes healthy, vigorous leaves and branches, and insures beautiful, luxuriant flowers. They build up the soil scientifically, and make frequent renewal of soil less important. The large amounts of waste matter in what is commonly known as "liquid manure," and "bone plant foods," which pollute the soil, and are many times accompanied by disagreeable odors, are absent in these excellent stimulating tablets. If you want luxuriant, healthy plants, ferns and beautiful flowers, these tablets are just what you are looking for.

PRICES: Large box (250 tablets) sufficient 35 plants 8 months, 50c postpaid medium, (100 tablets) sufficient for 35 plants 3 months, 25c postpaid; trial size, 10c.

STERLING CHEMICAL CO. CAMBRIDGE MASS.

STERLINGWORTH

PLANT TABLETS

THEY DOUBLE THE BLOOM

AMARANTHUS (A).

These plants afford brilliant contrasts of color, being useful for tall borders and groups, also where foliage effects are desired. The leaves and stems are of different shades of red, blended with green; two to three feet high.

Caudatus (Love Lies Bleeding)—Light yellowish-green foliage; long, drooping, crimson flower spikes. Pkt., 5 cts.

Tricolor (Joseph's Coat)—A hardy annual with leaves of red, yellow and green; especially brilliant if grown in rather poor soil. Pkt., 5 cts.

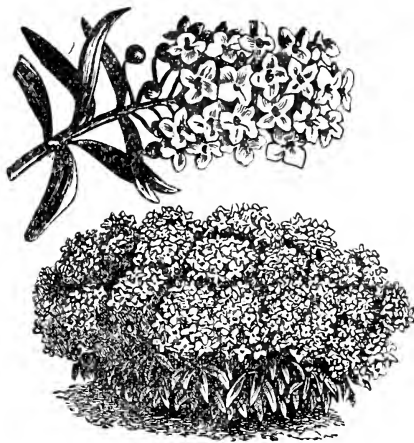
ANTIRRHINUM—Snapdragon (A).

Well known, showy and useful border plants, producing flowers of a great variety of brilliant and handsome colors. Very effective in beds, succeeding in any good garden soil. Mixed. Pkt., 5 cts.

ASTERS (A).

These well-known beautiful and popular annuals are very desirable for bedding, being in bloom when most other plants are over. Very useful for cut flowers and bouquets.

Victoria Mixed—Beautiful and popular annual, desirable for beddings, being in bloom when most other plants are over. Very useful for cut flowers and baskets. Pkt., 10 cts.; oz., 75 cts.



SWEET ALYSSUM.

Dwarf Chrysanthemum Flowered—One of the best Dwarf varieties. Of a great assortment of rich colors. Pkt., 10 cts.; oz., 75 cts.

German Quilled (China Aster)—The familiar double Aster with quilled petals. Exceedingly showy and excellent for cutting for vase decorations. The large, brilliant, daisy-like flowers with yellow centers are produced in profusion. Pkt., 5 cts.; oz., 30 cts.

Comet Mixed—A carefully proportioned mixture of various colors. The petals of which are very long and recurved, having the effect of the finest Chrysanthemums. They are varied and beautiful colors and one of the most popular sorts. Pkt., 5 cts.; oz., 50 cts.

BALSAM—Touch-Me-Not (A).

Also known as "Lady Slipper." A tender annual with brittle stems and foliage. Grows about 12 inches high. Flowers both

single and double, in bright colors and variations; are wax-like and very attractive. No flower is more easily cultivated, and it succeeds in most any good soil.

White—Pkt., 5 cts.

Double Mixed—Pkt., 5 cts.; oz., 25 cts.

BACHELOR'S BUTTONS—Globe Amaranth (A).

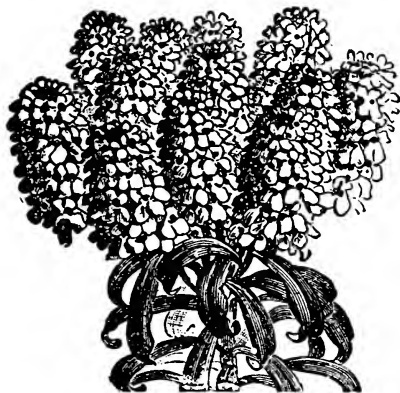
A well known and popular everlasting flower which forms bushy plants about 2 feet high and bearing sometimes hundreds of flowers. Excellent as border plants, and very useful for winter decorations. If cut when well matured will retain their beauty throughout the winter.

Mixed—Pkt., 5 cts.; oz., 10 cts.

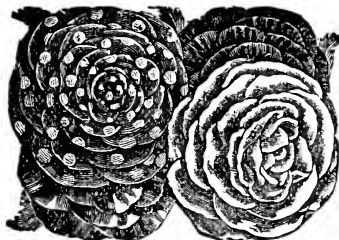
CALENDULA—Pot Marigold (A).

Very hardy annual, one foot high. Has showy flowers blooming until frost and producing a fine effect in borders. It is of easy culture and is desirable for rather inferior soils, where less sturdy flowers do not thrive.

Mixed Varieties—Pkt., 5 cts.; oz., 15 cts.



CANDYTUFT.



MIXED BALSAM.



BACHELOR BUTTONS.

White—Pkt., 5 cts.

Crimson—Pkt., 5 cts.

Fancy Mixed—Pkt., 5 cts.; oz., 15 cts.

CALLIOPSIS OR COREOPSIS (A).

Beautiful showy summer bedding annuals with large bright flowers of golden yellow, varied with rich brown. Excellent for cutting and decorations.

Mixed—Pkt., 5 cts.; oz., 15 cts.

Lanceolata—A very hardy perennial, blooming the first year and producing on very large stems a constant succession of rich, bright yellow flowers about 3 inches in diameter; exceedingly valuable for decorative purposes. Pkt., 5 cts.; oz., 25 cts.

CANTERBURY BELLS—Campanula, Cup and Saucer (A).

Handsome, hardy biennial of stately growth, rich color and profuse bloom. Succeeds best in light, rich soil and in the fall should be transplanted or thinned to 18 inches or 2 feet apart and given some protection in severe winter weather. Has large, bell-shaped flowers which are strikingly effective; colors white, and various shades of violet, rose, lilac and blue. Height, 2 to 4 feet. One of the wild forms of Campanula is the "Blue Bells of Scotland."

Pkt., 5 cts.; $\frac{1}{4}$ oz., 20 cts.**CANNA (P).**

Stately, ornamental plants, producing clusters of large flowers of the most intense, varied and brilliant colors. Very desirable for greenhouse or bedding outdoors. Plant the seed in February, first soaking them for a day in hot water. In August the plants will come into bloom and continue to flower very freely until cut down by frost. Store roots in cellar in winter.



CELOSIA OR COCK'S COMB.

Tall Mixed—Pkt., 5 cts.

Crozy's Dwarf Mixed—Pkt., 5 cts.

Canna Roots, Assorted Colors—\$1.00 per doz.

CELOSIA —Cock's Comb (A).

A half hardy annual, growing 6 to 8 inches high, bearing a wide wavy blossom that resembles a Cock's Comb. Fine for massing or border work. Pkt., 5 cts.; oz., 75 cts.

CENTAUREA, GYMNOCARPA—Dusty Miller.

Valuable because of its silvery foliage, and graceful drooping habit of growth. Half hardy perennial; one-half to two feet high. Pkt., 5 cts.; oz., 50 cts.

CHRYSANTHEMUM (A).

These annual Chrysanthemums have a charm of their own. The blooming season is from very early summer until frost, and their gay colors make beds or borders attractive during those hottest weeks of summer when flowers are apt to be scarce.

Mixed Varieties—Pkt., 5 cts.; oz., 15 cts.

CARNATIONS (P).

These well known flowers are easily grown from seed, and very free blooming, the flowers being bright colored and with a most delicious clove-like fragrance. Excellent bloomers in the garden or for winter flowering.

Marguerite—An extra vigorous race, especially adapted for out-of-door culture. The plants are trim in habit, perpetual and flower abundantly in 5 months from sowing the seed. They are highly fragrant, and have beautiful double flowers. Pkt., 5 cts.; oz., 50 cts.

Double Mixed—A mixture of all colors and types. Pkt., 10 cts.; oz., \$1.00.

CANDYTUFT (A).

Popular favorites, flowering profusely the whole summer. Very valuable for edgings and borders, fairly covered with masses of white and various colors. Height 1 foot. Of easy culture.

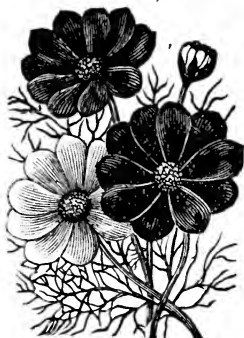


DOUBLE CARNATION.

COLEUS.

Probably the best known and most popular of ornamental foliage plants. The leaves are of many shades of color and have a rich velvety appearance of extraordinary beauty. No lawn should be without these decorative plants. Tender perennial.

Mixed—Pkt., 10 cts.



MAMMOTH COSMOS.

COSMOS. (A)

These well known flowers are of easy culture and are almost indispensable for cutting and garden decorations, their lovely blossoms being produced in greatest profusion after most other flowers have succumbed to frost. Few flowers have grown more into popularity in late years than the Cosmos, and we recommend them to all wanting large plants in their gardens.

Mammoth Mixed—The flowers are double the size of the old, large flowering Cosmos, measuring from 3 to 4 inches across. The petals are large, overlapping, forming perfectly round flowers, deeply ribbed and of good substance. Pkt., 10 cts.; oz., 40 cts.

Mixed—A mixture of the old standard sorts. Pkt., 5 cts.; oz., 25 cts.

DAHLIA (A).

The Dahlia has always been a favorite for autumn flowering. The flowers are so symmetrical and perfect and the range of colors so large and varied that they will always be popular where display is wanted. Both the single and double strains of this popular flower may be had in the greatest variety and beauty from seed. If planted early and given protection in the spring they can be made to flower the first season. During the winter the roots can be taken up and stored out of reach of the freezing weather and replanted the following spring.

Double Mixed Varieties—Pkt., 5 cts.

Single Mixed Varieties—Pkt., 5 cts.

Dahlia Roots, Assorted Colors Mixed—\$1.00 per doz.

DAISY.

These are charming little plants for edging and borders. The Daisy has been so far improved by selection and careful cultivation that good seed will give at least 80 per cent. of double flowers that are as large as any of the named sorts that are propagated by the division of the roots and are sold at high prices. The plants bloom well in the house and are splendid for early spring and summer flowering when planted in a slightly shaded situation. Tender perennials, about 6 inches high. Pkt., 10 cts.

DIGITALIS, OR FOX GLOVE (P).

A stately, old-fashioned border plant affording dense spikes of brilliantly colored flowers which are terminal and half as long as height of the plant. Colors, white, lavender and rose. Does not usually bloom until the second year. Thrives best in cool, shady locations.

Fine Mixed—Pkt., 5 cts.; oz., 20 cts.

DIANTHUS, OR PINKS.

These popular flowers, commonly known as Chinese and Japanese Pinks, have been for a long time very popular, and deservedly so. In diversity of rich and beautiful markings they have but few rivals, and in ease of culture, freedom of bloom and almost certain satisfactory results, they stand close to the Nasturtium. Hardy biennials blooming the first year from seed. So easily grown from seed as to be rarely treated as biennials. Seed may be sown in the open ground any time in May.

Chinensis—The familiar old Chinese or Indian Pink, easily grown and very showy. Our mixture contains a large assortment of varieties. Pkt., 5 cts.; oz., 25 cts.

Plumarius—The old-fashioned garden favorite. All the single flowered varieties in one mixture. Pkt., 5 cts.; oz., 40 cts.

ESCHOLTZIA—California Poppy (A).

The beautiful State flower of California. It blooms almost continuously throughout the season. A bed of these in full bloom gives a brilliant color effect. The foliage is finely cut and has a bluish tinge, delicate and very attractive. They are of the easiest culture.

Can be sown in any soil, but the better the soil the larger the plants

and blossoms. It is best to sow the seed in the garden where the plants are to remain, as they do not transplant easily. Pkt., 5 cts.; oz., 20 cts.



DIANTHUS.



ESCHOLTZIA—CALIFORNIA POPPY

FORGET-ME-NOT—Myosotis.

The favorite old border plant that succeeds best in moist situations. It comes into blooming early and the little star-shaped flowers appeal to every heart. Hardy perennials. Pkt., 5 cts.

FOUR O'CLOCK—Marvel of Peru (A).

A well-known favorite plant, bearing freely funnel-shaped white, red and striped flowers, which open about four o'clock in the afternoon, remaining open all night, and usually are closed before noon the next day. Sow seed in spring in open ground in any good garden soil. The plants should be given plenty of room, about three feet apart. Pkt., 5 cts.; oz., 15 cts.

GAILLARDIA.

A very showy, hardy, garden plant, with brilliant flowers in scarlet and yellow, blended and shaded. Blooms freely from early summer till autumn. Grows one and one-half to two feet high, and the blossoms are borne on long, slender stems.

Grandiflora Mixed—Single perennial variety of varying shades of reddish brown, scarlet and orange. The largest of these species, excellent for cutting. Pkt., 5 cts.

HELIOTROPE (P).

The delicately tinted and fragrant blossoms of this beloved little flower are so well known that any attempt at description would be superfluous. It is adapted to both bedding and house culture, requiring little attention. By sowing indoors early in the spring and transplanting into small pots, plants may be made so strong and stocky that they will be in full bloom soon after being set in the garden.

Mixed Varieties—Pkt., 5 cts.; oz., 75 cts.

HOLLYHOCK (P).

Entirely different and more beautiful than the plant of twelve years ago, being much more compact in growth, the flowers larger, more richly colored and of better form. For a background to a flower garden nothing is better. Height 5 feet. Tie to stakes if the stalks show a disposition to fall. The double varieties are the most desirable.

Double Mixed Varieties—Pkt., 5 cts.; oz., 60 cts.

LARKSPUR (A).

The Larkspur is one of the handsomest and most useful of plants. The colors are extremely beautiful and in mixed borders its profuse masses of purple, white and red show splendidly, and for large gardens is invaluable. Height 12 inches.

Double Dwarf Varieties Mixed—Pkt., 5 cts.; oz., 40 cts.

LOBELIA (A).

Profuse blooming little plants, of great value for edging, hanging baskets or vases. It is completely covered with flowers for a long time. If given plenty of water they may be kept in flower all summer.

Emperor William—A very fine, compact variety with intensely dark blue flowers. Pkt., 5 cts.

White Lady—Dwarf Pure White flowers. Pkt., 5 cts.

LOVE-IN-A-MIST—Nigella.

A hardy annual one-foot high, with finely cut foliage. Oddly shaped blossoms in blue and white, and curious seed pods. Of easy culture. Pkt., 10 cts.

MARIGOLD.

A hardy annual, shrubby plant, in dwarf and tall varieties, growing from 6 inches to 3 feet high. Foliage bright green, deeply cut, and graceful. The flowers are various shades of yellow and brown. The tall varieties are very valuable for large bedding or background work, and the dwarf varieties for borders. No flower garden seems complete without this fine old-fashioned plant.

African—The best tall variety with large, double blossoms. Pkt., 5 cts.; oz., 20 cts.

Dwarf French, Double Mixed—Pkt., 5 cts.; oz., 20 cts.

ROWAN COUNTY, N. C., February 8th.

You have the best Seeds for the money that I can buy.

W. J. BOLICH.

CUMBERLAND COUNTY, VA., August 31st.

I have been very much pleased with your Seeds. Please ship me the following order.

V. A. GILLIAM.

MIGNONETTE (A).

This popular little flower is well known as one of our most fragrant plants, and an universal favorite. If sown at intervals in spring and early summer it will bloom until killed by frost. Thrives best in a cool temperature.

Machet—A compact-growing variety, with medium long, thick spikes of yellow flowers. Pkt., 5 cts.; oz., 30 cts.

Golden Queen—Very fragrant, with golden yellow flowers. Pkt., 5 cts.; oz., 25 cts.

Sweet—This is the familiar old variety. It has spikes of medium size so fragrant that a bed will perfume the whole atmosphere around it, and every garden should have a corner or bed devoted to it. Pkt., 5 cts.; oz., 10 cts.

NASTURTIUM.

Probably the most popular and easily grown flower in our list, and remains longer in bloom. In favorable soil flowers are produced in abundance throughout the season. Nasturtiums prefer dry, rather rocky, soil, such as we usually call "poor" soil, and bear their flowers in such locations in greater profusion than in a rich garden, where they run too much to leaves.

Tall Variegated Leaved Mixed—Every leaf is variegated with yellow, white and green. Some of the leaves are one-half to two-thirds white and yellow, while others are mostly green, but beautifully striped and blotched. This gives a new and very handsome appearance to the plant. The flowers are of all colors. Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 50 cts.

Dwarf Varieties Mixed—This mixture contains all of the choicest and prettiest flowers of the Dwarf variety. The plants form a small, round bush, 12 to 16 inches high, which is a mass of blooms all summer. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 50 cts.

Tall Varieties Mixed—This mixture contains all of the choicest and prettiest flowers of the tall variety, are of quick growth, covering a whole hedge or trellis in a short time. The brilliant blossoms almost cover the plant from top to bottom. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 50 cts.



NASTURTIUM.

PANSY.

No description is needed of these little favorites, and it would be hard to find a garden whose charm is not in a large measure dependent upon their marvelous coloring.

D. & B.'S Superb Pansy Mixture—This is a mixture of all the giant flowering varieties, all the plain colors, faced sorts, ruffled edged and rare sorts, also the varieties exquisitely striped. The seed is saved from the most famous pansy gardens, from exhibition flowers. These pansies are wonderfully beautiful in every way and the very best there are. The small difference in the cost of this seed over the other seed is covered one hundred-fold in satisfactory results to the grower. Pkt., 25 cts.

Giant Trimardeau Mixed—The largest flowering type of Pansy called the French strain. The top petals are larger than the three lower ones and are beautifully marked. The plants are of vigorous, compact growth, with immense, three-blotched flowers. Pkt., 10 cts.

Finest English Prize Mixed—This mixture is of magnificent varieties, containing the so-called faced varieties, and is in every respect equal to the higher priced named Pansies. Pkt., 10 cts.; oz., 75 cts.



PANSY.

Fine Large Flowering Mixed Pansy—This seed is saved from very good garden varieties, the flowers are small in comparison with the fine sorts, but the colors are good. Pkt., 5 cts.; oz., 50 cts.

PETUNIA (A).

There is no bedding plant of easier culture than the Petunia, and few that make a gayer appearance when in full bloom. They are easily grown and very popular for bedding. They thrive best in a warm, sunny location. The shape of the flower is similar to that of the Morning Glory. Sow the seed thinly where the plants are to remain, or for early blooming sow in the house in boxes.

Single Mixed—Pkt., 5 cts.; oz., 50 cts.

POPPY.

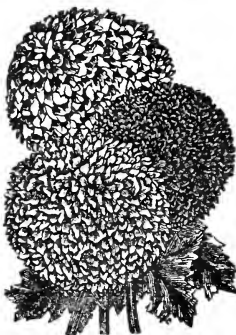
Hardly any class of plants afford the same brilliant colorings and showy display. They are of easy culture, the seed being sown where they are to remain. Thin the plants 6 to 12 inches apart.

Orientele—A large gorgeous scarlet blossom; base of petals black. One of the most striking and showy of the garden perennials. Pkt., 10 cts.; oz., 75 cts.

Shirley—These beautiful Poppies are very free-flowering and remarkably brilliant colors, from pale rose to deep crimson. Many of the flowers have crimped or wavy petals, all are of fine silky texture, but of good substance, and not surpassed by any for cutting. Pkt., 5 cts.; oz., 30 cts.

Carnation Flowered—Large showy, double flowers of magnificent colors. Pkt., 5 cts.; oz., 20 cts.

Single Mixed—All the fancy and named single varieties mixed. Pkt., 5 cts.; oz., 25 cts.



DOUBLE MIXED POPPY.

Double Mixed—All the fancy and named double varieties mixed. Pkt., 5 cts.; oz., 25 cts.

PORTULACA.

Low-growing or creeping, tender annual, six to eight inches high, and bearing glossy, cup-shaped blossoms in very brilliant and gorgeous colors. The seed germinates slowly and should be started under glass or when the weather is hot. These flowers love the sunshine and do best on rather dry ground.

Single Mixed—This is an extra fine strain with very large blossoms and splendid colors. Pkt., 5 cts.; oz., 25 cts.

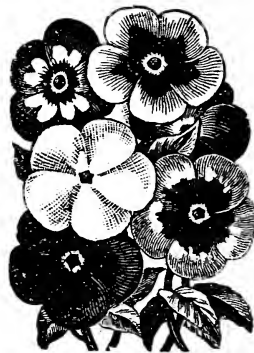
Choice Double Mixed—From 50 to 60 per cent. of the flowers will come double. These are especially beautiful and showy. Pkt., 10 cts.; ½ oz., 75 cts.

PHLOX DRUMMONDII.

One of the prettiest and most popular of garden annuals. Makes very attractive beds, and continues to bloom throughout the summer. Sow in April in open ground, or can be started earlier indoors.

Grandiflora Large Flowering—A great improvement on the common type, both heads and florets being nearly twice as large. Pkt., 10 cts.; oz., 75 cts.

Extra Choice Mixed—This mixture is unexcelled for profusion of bloom and wide range of brilliant colors. Pkt., 5 cts.; oz., 40 cts.



PHLOX GRANDIFLORA MIXED.

PRIMROSE.

Green-house or pot plants, bearing trusses of large single or double blossoms in bright colors, as well as soft tints. Sow the seed in April or May for winter blooming.

Large Flowering Hybrids—The choicest varieties mixed. Pkt., 15 cts.

RICINUS—Castor Oil Plant.

Luxuriant rapid-growing annuals with palm-like leaves. Excellent for background or center of beds of foliage plants, the effect being especially striking after the brilliantly colored fruit is formed. Pkt., 5 cts.; oz., 10 cts.

SALVIA SPLENDENS—Scarlet Sage.

A well-known favorite bedding plant which bears magnificent spikes of scarlet flowers from July to October. Although perennial, it blooms the first year from seed, and there is really no flower that can rival it in splendid color. Excellent for cutting. Pkt., 10 cts.; oz., \$1.00.

Snap Dragon—See Antirrhinum.



SALVIA SPLENDENS (SCARLET SAGE.)

STOCKS, DWARF GERMAN—Ten Weeks (A).

Desirable for bedding or pot culture. They bear an immense quantity of fragrant blooms, each plant forming a perfect bouquet, and are splendid for cutting. Pkt., 5 cts.; oz., 75 cts.

SWEET PEAS.

D. & B.'S Superb Mixed—This is the best possible mixture that can be made, combining carefully considered proportions. It comprises all of the finest new and large flowering named varieties of every shade and color. Each is the very choicest of its class, grown separately and mixed by ourselves. It is the finest mixture possible and cannot be surpassed at any price. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.

Choice Mixed—A good mixture of Standard sorts and will afford a splendid variety of blooms and a wide range of assorted colors. Pkt., 5 cts.; oz., 8 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 75 cts.

Sweet Peas in Separate Colors—We offer the following, all of which are selected from the finest named varieties and the choicest of its kind. Pure white, pink, red, variegated and blue. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.

SWEET WILLIAM (P).

A beautiful class of hardy free-blooming plants of extreme richness and diversity of colors. Produces a fine effect in beds or mixed flower borders.

Single Varieties Mixed—Pkt., 5 cts.; oz., 25 cts.

Double Varieties Mixed—Pkt., 5 cts.; oz., 60 cts.

VERBENA (P).

These well-known flowers are splendid for beds or massing. Flowers of most brilliant colors, blooming from early

summer till late in the fall. Verbenas grown from seed are always thrifty and do not rust. Sow early in house, or out of doors in April.

Mammoth Flowered Mixed—This strain produces blooms of the largest size and most brilliant colors. Pkt., 10 cts.; oz., 75 cts.

Mixed Colors—The individual flowers are most perfect and the plants remarkably vigorous. A splendid mixture from named sorts, comprising nice, beautiful colors. Pkt., 5 cts.; oz., 50 cts.

VIOLETS (P).

Although these flowers do best when grown from cuttings, they grow readily from seed and produce very fragrant blossoms.

Blue—Pkt., 10 cts.; oz., 90 cts.

White—Pkt., 10 cts.; oz., 90 cts.

Mixed—Pkt., 10 cts.; oz., 90 cts.

WALLFLOWER (P).

This is a fine bedding plant, but it is more often grown as a pot plant and for this purpose is well adapted. The flowers are very fragrant and usually of various shades of yellow, brown and reddish brown. An old-fashioned flower which is always popular. Sow early in the year in boxes and transplant.

Single Mixed Colors—Pkt., 5 cts.; oz., 25 cts.

Double Mixed Colors—Pkt., 15 cts.; oz., \$1.50.

ZINNIA (A).

For gorgeous summer and fall display the Zinnia is unsurpassed, the flowers are perfectly double, resembling Dahlias, and almost every shade of color. For bedding and massing they are particularly suitable.

Tall Double Mixed Colors—Pkt., 5 cts.; oz., 25 cts.

Dwarf Double Mixed Colors—Pkt., 5 cts.; oz., 25 cts.



D. & B.'S SUPERB MIXED SWEET PEAS.



MAMMOTH MIXED
VERBENA.

General List of Vines or Climbers

This list comprises varieties which attain perfection the first season. A few of them require starting in the house, but the majority can be sown where they are to grow.

AMPELOPSIS VEITCHII—Boston Ivy (P).

The popular Ivy which covers so many buildings. It clings to brick and wood without support. It is a rapid grower, with beautiful star-shaped foliage of light and dark green, changing with the seasons. Pkt., 5 cts.

BALSAM PEAR (A).

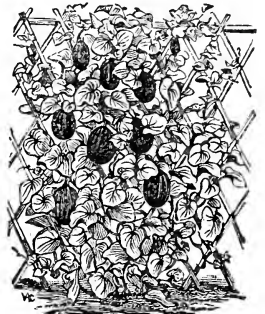
A very desirable climber, bearing large, prickly, pear-shaped yellow fruit, the flesh of which when kept in whiskey or alcohol is said to make a most effective pain-killer and healer of cuts, bruises, etc. Height, 10 feet. Pkt., 5 cts.; oz., 20 cts.

BALSAM APPLE (A).

There is little difference between this and the Balsam Pear, except in the shape of the fruit. Pkt., 5 cts.; oz., 20 cts.

BALLOON VINE—Love-in-a-Puff (A).

A rapidly-growing climber of attractive foliage, and remarkable for the inflated membranous capsule seed pod from which the name Balloon Vine is derived. This peculiarity also suggests its other name of "Love-in-a-Puff." The flower is white and inconspicuous. Pkt., 5 cts.; oz., 20 cts.



BALSAM PEAR.

CYPRESS VINE (A).

A tender, climbing annual, with soft fern-like foliage and small star-like flowers in red and pink or white, which contrast most effectively with the graceful foliage. Height about 15 feet.

Mixed Varieties—Pkt., 5 cts.; oz., 20 cts.

DOLICHOS OR HYACINTH BEAN (A).

A tender, climbing annual. Grows rapidly and is splendid for covering a trellis. Flowers in purple or white; are borne on long stems, the individual blossoms resembling the bean flower, and the ornamental pods resemble bean pods. Sow seed in open ground late in April. Pkt., 5 cts.; oz., 15 cts.

GOURDS (A).

Climbers of rapid growth, which are well fitted for covering fences, arbors, stumps, etc. The vines are of easy culture and make a rapid growth. The foliage is quite pretty and the fruits are very interesting in their various shapes. Grows from 10 to 20 feet high.

Nest Egg—In size, color and shape like a hen's egg. Vines make good screens. Pkt., 5 cts.; oz., 20 cts.; ¼ lb., 60 cts.

Dipper—The handles grow curved if on ground; straight if vines run on a frame. Pkt., 5 cts.; oz., 20 cts.; ¼ lb., 50 cts.

Sugar Trough—This grows very large and thick with hard shells, sometimes holding from 3 to 5 gallons. They are light but durable. Pkt., 5 cts.; oz., 20 cts.; ¼ lb., 50 cts.

Hercules Club—A large, long Gourd; resembles a baseball bat or club, hence its name. Pkt., 5 cts.; oz., 20 cts.; ¼ lb., 60 cts.

Orange Shaped, Pear Shaped, and Apple Shaped—Pkt., 5 cts.; oz., 20 cts.; ¼ lb., 60 cts.

Ornamental Mixed—Pkt., 5 cts.; oz., 20 cts.; ¼ lb., 60 cts.

HUMULUS JAPONICUS—Japanese Hop Vine (A).

A rapid growing hardy climbing annual with dense, bright green foliage. Will grow 20 to 30 feet high in a season, and is very valuable for covering a trellis or unsightly objects and for shading verandas. Pkt., 5 cts.; oz., 25 cts.

MORNING GLORY (A).

No climber is more popular than is the Morning Glory for covering trellises or unsightly back fences. They grow 15 feet high and bear very abundantly brilliant flowers of various colors. Soak the seed for two hours in warm water to hasten the germination. Of easy culture.

Mixed Varieties—Pkt., 5 cts.; oz., 10 cts.

Imperial Japanese Morning Glory—These are much the handsomest flowers in Morning Glories, of gigantic size and in colors ranging from snow white to carmine, through every shade of blue and purple to nearly black, also marble, striped and slashed sorts. The vine is not quite so vigorous a climber as the old-fashioned Morning Glory. Pkt., 10 cts.; oz., 25 cts.

MOON FLOWER OR EVENING GLORY (A).

Beautiful rapid climbers, bearing large white flowers, 4 to 6 inches in diameter, which open in the evening and on cloudy days. Start the seed in the house and transplant when the weather is warm. Before planting it is best to file a small hole in one end through the outer hull and soak for thirty-six hours in warm water to hasten germination. Pkt., 10 cts.; oz., 75 cts.

SCARLET RUNNERS (A).

A well-known and old-fashioned climber, having bright scarlet, pea-like flowers. It not only holds its place as a flower, but the pods when young are of fine quality for cooking. Pkt., 10 cts.; $\frac{1}{4}$ lb., 15 cts.

WILD FLOWER GARDEN MIXTURE.

A splendid mixture of free-blooming, hardy flowers, which can be offered at a much less price than when sold in separate packages. Those who cannot give the constant care necessary for finely arranged flower beds will find the "Wild Flower Garden" a delightful substitute, with its constant and every-varying bloom. Such a flower bed is a continual surprise and pleasure, as new varieties and the old garden favorites flower successively throughout the season. Thin out where plants are crowded and keep clear of weeds.

Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 50 cts.

Bulbs

CANNA ROOTS—Very bright and attractive flowers for summer and fall; mixed or in separate colors, 10 cts. each; by mail, 15 cts. each; \$1.00 dozen, by mail, \$1.25.

CALADIUM—ESCULENTUM (Elephant's Ears)—Is very popular as an ornamental plant for lawns. Leaves attain an immense size; water freely. Small bulbs, 10 cts. each; by mail, 25 cts. each; per doz., by express, \$1.00. Mammoth bulbs, 15 cts.; by mail, 30 cts.; per doz., by express, \$1.50.



ELEPHANT'S EAR PLANT.



PEARL TUBEROSE.

MADEIRA VINE ROOTS—This vine will grow 20 feet or more in a season, making a beautiful screen and thick shade. 5 cts. each; by mail, 8 cts.; doz., 25 cts.; by mail, 35 cts.

EXCELSIOR PEARL TUBEROSE—Short and robust plants, bearing immense spikes of double flowers; very fragrant; extra large bulbs. 2 for 5 cts.; by mail, 2 for 10 cts.; doz., 20 cts.; by mail, 30 cts.; per 100, \$1.25; by express.

GLADIOLAS, Large Size—Very showy and popular summer flowers, of bell shape, of various colors, growing on a stalk about 3 feet high. Mixed colors, per doz., 20 cts.; per 100, \$1.50.

DAHLIA ROOTS.

We furnish these separate or in mixed colors, as may be desired. Separate colors, each, 15 cts.; by mail, 20 cts.; per doz., by express, \$1.50.

Mixed Colors—\$1.00 doz.

We issue in September a general Price List of Flowering Bulbs for Autumn planting, which we will be glad to mail on request.

Poultry Foods and Supplies

GLOBE POULTRY FOOD—This is scientifically prepared by practical poultry experts to meet all the demands of growing and full-grown fowls.

Only materials that grade in every respect up to our high standard are used—carefully selected cracked and whole grains and seeds, sunflower, oil cake, buckwheat and charcoal, sifted and recleaned until they are entirely free from dust and chaff. Globe Scratch Feed is a complete and balanced ration for grown fowls in all seasons. 10 lbs., 25 cts.; 25 lbs., 60 cts.; 50 lbs., \$1.05; 100 lbs., \$1.90; 500 lbs. at \$1.85 per 100 lbs.

We also offer this Food without grit or shells in it at \$2.00 per 100 lbs.; 500 lbs. at \$1.95 per 100 lbs.

COLONIAL DEVELOPMENT FOOD—Has the same ingredients as the Globe Poultry Food, except it is ground finer for chickens from 4 weeks old and up. 10 lbs., 25 cts.; 25 lbs., 60 cts.; 50 lbs., \$1.05; 100 lbs., \$2.00.



CRESCENT CHICK FOOD—A complete grain feed for chicks up to 8 weeks old. It is a standard mixture of recleaned cracked grains and seed, hulled oats, fine granulated bone and fine charcoal. It produces healthy and rapid growth, and is intended for feeding until the chickens are large enough to be fed the Colonial or Globe Scratch Feed. A trial will demonstrate its feeding value. 8 lbs., 25 cts.; 25 lbs., 65 cts.; 50 lbs., \$1.15; 100 lbs., \$2.20.

QUEEN POULTRY MASH—A selected mixture of ground feeds, manufactured from the choicest sound, sweet and wholesome grains. It is carefully prepared and contains ingredients in proper proportions essential to the health and growth of the fowl.

It is a splendid bone builder and especially helpful during the molt. Also contains beef scraps and charcoal, recognized necessities for health and egg production.

This mixture is especially formulated to meet the demands for a high grade mash feed, and is suitable for either the morning, noon or evening meal, whichever method preferred.

Mix with warm water during cold weather, and feed damp and crumbly. 10 lbs., 25 cts.; 25 lbs., 60 cts.; 50 lbs., \$1.10; 100 lbs., \$2.00.

KING PIGEON FOOD—Right feeding of pigeons is considered something of a problem. Most raisers do not understand either the pigeon or its feeding as well as they do poultry. The true fancier—the man who raises birds for their beauty, for the show, for the pleasure there is in it, or for sporting—finds in King Pigeon Feed a combination suited to his needs.

The seeds are especially chosen for pigeon feeding. Only those that have proven to be best adapted for this particular purpose are used. These include various grains, cracked and whole, peas and seeds, all clean, well matured, and always of a size so that the birds, young or old, are able to use every particle of it. 8 lbs., 25 cts.; 25 lbs., 70 cts.; 50 lbs., \$1.20; 100 lbs., \$2.25; Without grit or shells per 100 lbs., \$2.35.

ALFALFA MEAL—This is Alfalfa Clover, cured green and cut fine for poultry. To be fed in a mash, can be used alone or mixed with other mash food. It is an excellent substitute for green grass. 10 lbs., 25 cts.; 25 lbs., 50 cts.; 50 lbs., \$1.00; 100 lbs., \$1.75.

STEEL CUT OATS—These are hulled Oats cut fine. Excellent feed for baby chicks. 10 lbs., 40 cts.; 50 lbs., \$1.60; 100 lbs., \$3.00.

RAVA MEAT MEAL—A pure lean-beef fibre, carefully dried while fresh, and will keep indefinitely. Its thorough dryness and the entire absence of any taint or unpleasant odor make it a most excellent form of food for chickens and other fowls, as also for dogs. It is excellent for hopper feeding and may be mixed and fed in a mash to great advantage. It contains 85 per cent. protein and 7 per cent. fat, and is clean and free of all preservatives and chemicals. Per lb., 5 cts.; 10 lbs., 45 cts.; 25 lbs., \$1.00; 50 lbs., \$1.85; 100 lbs., \$3.50.

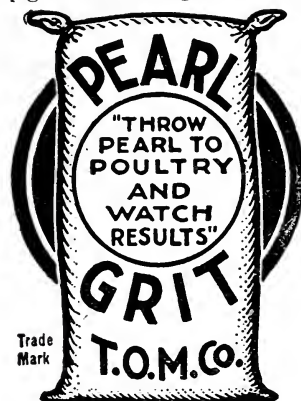
NORTHAMPTON COUNTY, VA., August 5, 1912.

Please send me as soon as possible 100 lbs. of your Crescent Chick Food and 100 lbs. of Globe Poultry Food, No Grit. I am out of this Food and my fowls do not thrive as well on any other Foods.

R. O. NOTTINGHAM.

CRUSHED OR GRANULATED BONE—Splendid to be used in connection with other feeds to increase egg production; to be fed dry just as it is either in a hopper or to be scattered about as a scratch food. It is clean and dry, and will not sour. No. 2 for grown fowls; No. 3 for chicks, and pigeons; No. 4 or Bone Meal for baby chicks. 6 lbs. for 25 cts.; 25 lbs., 90 cts.; 50 lbs., \$1.40; 100 lbs., \$2.60.

CRUSHED OYSTER SHELLS—Indispensable for successful poultry keeping, as it aids digestion and the formation of egg shells. It is best to have it where the fowls can get at it all the time, as they will not eat any more than they need. In ordering please state whether the "fine" size is wanted for chicks and pigeons or the "regular" size for grown fowls. 5 lbs., 10 cts.; 25 lbs., 30 cts.; 100 lbs., 60 cts.; ton, \$10.00.



PEARL POULTRY GRIT—Manufactured especially for poultry. It is essential in the poultry yard, to keep fowls in a healthy condition. Size No. 1 for grown fowls; No. 2 for chickens and pigeons. 5 lbs., 15 cts.; 25 lbs., 30 cts.; 100 lbs., 60 cts.; ton, \$10.00.

D. & B.'S CHARCOAL—We have had this charcoal put up for us to meet the demand for an evenly graded charcoal, free from dust and useless dirt, and it is the best poultry charcoal manufactured.

"D. & B.'s" Charcoal aids digestion, promotes health, and is generally corrective of many of the poultry ills to which fowls are heir. A little charcoal goes a long way and is worth its weight in gold. No poultryman can afford to be without it. It is put up in three sizes—Fine: For Chicks. Medium: For half-grown Fowls and Pigeons. Coarse: For full-grown Fowls. Prices—2 pound cartons, printed with directions for feeding, 15 cts. each; 10 lbs., 40 cts.; 50 lb. sacks, \$1.00 each.

BLOOD MEAL—Splendid for poor, weakly fowls, also for calves and hogs, but too rich to feed much at a time. 10 cts. per lb.; 4 lbs., 25 cts.; 25

lbs., \$1.15; 100 lbs., sacks, \$4.00.

WHEAT—For poultry feeding. Per pk., 35 cts.; bu., \$1.20.

CRACKED CORN—50 lbs., 90 cts.; 100 lbs., \$1.60.

COARSE GROUND CORN MEAL—25 lbs., 55 cts.; 50 lbs., 95 cts.; 100 lbs., \$1.75.

KAFFIR CORN—Splendid for growing or grown fowls, and a good feed. 12 lbs., 25 cts.; 100 lbs., \$1.60.

MILLET—Splendid for baby chicks. 10 lbs., 30 cts.; 50 lbs., \$1.35; 100 lbs., \$2.50.

SUNFLOWER—Rich food for grown fowl and parrots. 4 lbs., 25 cts.; 10 lbs., 60 cts.; 100 lbs., \$5.00.

CANADA FIELD PEAS—A good food for poultry and pigeons. 10 lbs., 40 cts.; bu., \$2.10.

HEMP SEED—For pigeons, parrots and poultry. 1 lb., 10 cts.; 3 lbs., 25 cts.; 10 lbs., 60 cts.; 100 lbs., \$5.00.

BIRD RAPE—10 cts. lb.; 4 lbs., 25 cts.

CANARY SEED—Per lb., 10 cts.; 3 lbs., 25 cts.

MIXED BIRD SEED—10 cts. lb.; 3 lbs., 25 cts.

CUTTLE FISH BONE—40 cts. lb.

FLAX SEED—1 lb., 8 cts.; 10 lbs., at 7 cts.; 100 lbs., \$6.25.

Poultry Remedies

"D. & B.'S" LICE POWDER—This is a scientifically compounded powder for killing all forms of insect life on fowls. It is equally good for destroying lice on cattle and horses, ticks on sheep and fleas on dogs. It is clean to handle, easy to apply and sure in effect. It can be used in the nests of setting hens without injuring young chickens. It can also be used on plants and bushes, as a protection against plant lice. Carpets are never moth eaten when "D. & B.'s" Lice Powder is used. 15 oz. box, fancier's size, 25 cents; by mail, 35 cents.

"D. & B.'s" ROUP CURE—In addition to curing Roup, prevents and cures common colds and canker in both pigeons and poultry. It is a powerful and quick acting powder and is administered by putting it in the fowls' drinking water, this being the easiest and most successful method of treating, because by this method the fowls take their own medicine. When the disease is so far advanced that the fowls cannot see to drink, their head and eyes may be bathed in the remedy until they recover so as to be able to drink their medicine. Price—Per box, 25 cts.; by mail, 30 cts.

"D. & B.'S" LICE KILLER is a fluid of such strength and so compounded that the gaseous vapor given off by it kills lice, mites and similar insects without coming in contact with them, and is not injurious to fowls, animals or poultry. It is very efficacious for destroying lice on fowls of all kinds, Horses, Cattle and Hogs. It also kills lice on roses and other flowering plants. It may be applied with an ordinary hand sprayer, or with a whitewash brush. We recommend the use of our glass tank sprayer. One quart bottle, 25 cts.

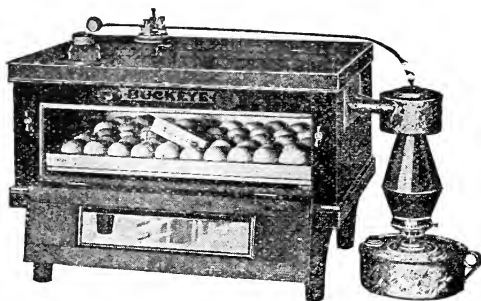
Buckeye Incubators

We are the authorized agents for the celebrated Buckeye Incubators.

These are hot water machines, well made and easy to operate. Owing to the satisfactory operation and the moderate price at which they are sold, there are probably more Buck Eye Incubators in use today than any other make.

These machines are sold under an absolute guarantee and with good treatment will last for years. They are so simple that a beginner can operate them without any previous experience. These Incubators are equipped with every desirable device that can possibly add to Incubator efficiency and are pronounced by experts to be the world's best hatchers.

Full descriptive catalogue mailed free on request. If interested be sure and ask for one.



Style C—Single walls throughout; complete, ready for use; 50-egg capacity.....\$6.00

Style B—Double walls throughout; complete, ready for use; 50-egg capacity..... 7.00

Style A—Double walls throughout; complete, with nursery; 60-egg capacity..... 8.00

No. "60" (Standard)—Capacity 60 eggs.... 10.00

No. 1 (Standard)—Capacity 110 eggs..... 16.00

No. 2 (Standard)—Capacity 175 eggs..... 20.00

No. 3 (Standard)—Capacity 250 eggs..... 27.50

No. 4 (Standard)—Capacity 350 eggs..... 35.00

Buckeye Brooders

No. 1—Indoor.....	\$7 00	No. 4—Outdoor.....	\$13 50
No. 2—Outdoor.....	9 00	No. 5—Indoor, Lampless system.....	1 75
No. 3—Indoor.....	9 00	No. 6—Indoor, Lampless system.....	2 75

For extra parts see Buckeye Catalogue.

CONKEY'S CURES.

These reliable remedies are well known and are guaranteed to cure when used according to directions. Our rapid increasing sales proves the efficiency of these valuable remedies. Pamphlet mailed free on request.

WHITTLE MILLS, VA., September 19.

Please send me by return mail a 50c package of your Conkey's Gape Cure. I have used one package and found it very good. It entirely cured my first lot of chickens of the Gape.

MRS. ROSA A. RUDD.

CONKEY'S CHOLERA CURE—50 cts. per package, postpaid.

CONKEY'S ROUP CURE—25 cts. and 50 cts. per package, postpaid.

CONKEY'S GAPE CURE—50 cts. per package, by mail, 65 cts.

CONKEY'S LAYING TONIC—25 cts. per package; by mail, 60 cts.

CONKEY'S LICE POWDER—10 cts. and 25 cts. per package; by mail, 15 and 40 cts.

CONKEY'S SCALY LEG CURE—50 cts. per package; by mail, 55 cts.

CONKEY'S CHICKEN POX CURE—50 cts. per package; by mail, 55 cts.

CONKEY'S LIQUID LICE KILLER—35 cts. per qt. can.

CONKEY'S WHITE DIARRHOEA REMEDY—50 cts. package, postpaid.

CONKEY'S POULTRY TONIC—25 cts. pkg.; by mail, 30 cts.

CONKEY'S LIMBER NECK REMEDY—50 cts. pkg.; by mail, 55 cts.

SULPHUR FUMIGATING CANDLES—Splendid fumigators and germ destroyers. 15 cts. each; \$1.50 doz.



Poultry Appliances

NORWICH AUTOMATIC EXERCISER AND FEEDER.



FEEDER IN OPERATION.

We are the State agents and distributors for the Norwich Automatic Exerciser and Feeder.

The machine consists of a Hopper sufficiently large to carry a given quantity of grain feed, in the bottom of which is fitted an adjusting valve, which is set to allow such quantities of feed to escape from the Hopper as may be desired. Directly under the valve is located the Deflector, and the feed, passing from the Hopper through the valve, falls at once to the Deflector, and by it is scattered on the ground or floor in a wide, even circle. The Bait Bar (which is the cross piece under the Deflector resembling an ear of corn) is connected by adjustable rod with a small agitating disk which performs the double duty of acting as a stop to the valve, and stirring up the feed about to be delivered. The machine, as will



NORWICH Automatic Feeder.

be observed, is mounted on three adjustable legs so it will stand in any yard whether level or located on a hillside, and may be used alike for baby chicks fresh from the incubator or the adult fowl, by simply lengthening or shortening the legs as desired.

We offer our Norwich Automatic Exerciser and Feeder on the *positive guarantee* that it will—

1st. Pay for itself in the actual saving of grain in ninety days, at the present price of grain.

2d. That it is absolutely Rat and Bird proof.

3d. That it is positively Rain and Damp proof, and the enormous loss of grain from feed becoming damp by laying on the ground over night will be eliminated.

4th. That every kernel of grain put in the Hopper will go into your flock and not a grain of it will be lost from any cause. (Fire excepted.)

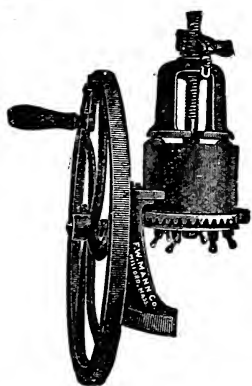
5th. That the labor of feeding beyond filling the Hoppers when empty (the intervals depending on size of machine used) will be eliminated. "Fill the Hopper and the birds do the rest." On large plants this feature will at once be appreciated, as one boy will do the feeding for 1,000 pens.

For further information ask for pamphlet.

Actual Shipping Weight.

No. 1—8-Quart Hopper.....	13 lbs.....	\$2 50
No. 2—14-Quart Hopper.....	15 lbs.....	3 25
No. 3—20-Quart Hopper.....	20 lbs.....	4 00
No. 4—32-Quart Hopper.....	27 lbs.....	5 00

Five or more at one order—5 per cent. discount.



MANN'S GREEN BONE CUTTER —

Unquestionably the best Bone Cutters on the market, and we recommend them with entire confidence.

No. 5 C—With crank handle, \$6.00.

No. 5 B— With balance wheel. \$8.00.

No. 5 B. M.—With balance wheel, mounted on iron stand, \$10.40.

No. 7—The best and most economical size to buy for a yard of 100 hens or more, \$12.00. Large sizes quoted on application. Complete Catalogue mailed free.

Norwich Automatic Air Lock Fountain—
This drinking fountain fills a longfelt want, as it prevents the drinking water from freezing or getting very cold. It is harmful to poultry to drink ice cold water. Descriptive pamphlet on request. With Lamp and Burner to prevent freezing, \$2.50. 5 gal., size, without Lamp and Burner, \$1.75.

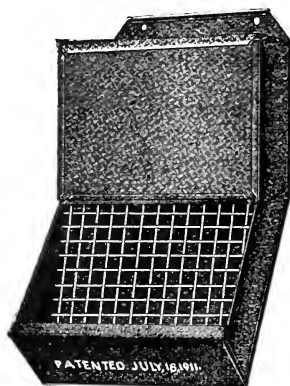
GALVANIZED IRON DRINKING FOUNTAINS—Price: 1 qt., 25 cts.; 2 qt., 30 cts.; 4 qt., 40 cts.; 8 qt., 50 cts.

WALL DRINKING FOUNTAINS—1 qt., 30 cts.; 1 qt., 40 cts.; 1 gal., 50 cts.; 2 gal., 75 cts.

NEW KENT COUNTY, VA., March 28, 1912.

We have used your Seed for several years and they give perfect satisfaction, and the returns from them are always so prompt.

G. W. BINGLEY.



SEXTON'S DRY FOOD HOPPERS—With wire screen in front. Mice and rain-proof. 4 qt. size, 75 cts.; 8 qt. size, \$1.00.

GRIT, SHELL AND CHARCOAL BOXES—3 partitions, 50 cts.

2 PARTITIONS DRY FOOD HOPPER, 75 cts.

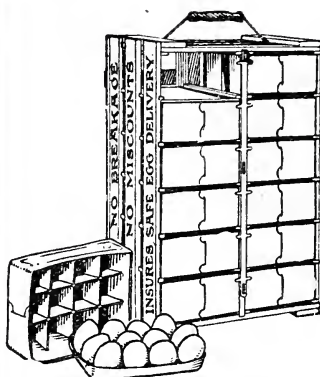
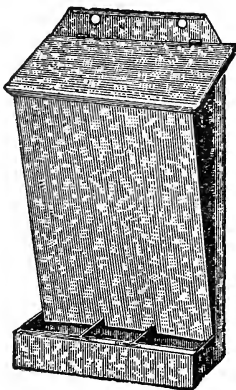
POULTRY FOOT PUNCHES—35 cts. each.

EARTHENWARE DRINKING FOUNTAINS—2 qt. size, 30 cts.; 4 qt., 50 cts.

FARMERS' MODERN EGG CARRIERS

—A handy and convenient carrier for marketing eggs. Can be carried by hand or shipped by express. Trays hold 1 dozen each. 8-dozen Carrier, \$1.00 each; 12-dozen Carrier, \$1.25 each; 18-dozen Carrier, \$2.00 each.

STAR EGG CARRIERS—A handy wooden case, holding 1 dozen eggs—easy to handle, avoids breakage and miscounts. 25 cts. each; \$2.50 dozen.



FARMER'S EGG CARRIER.

BROODER THERMOMETERS—Price, 50 cts.
KNOX MEDICATED NEST EGGS—5 cts. each by mail, 10 cts.; doz., 50 cts.

PORCELAIN NEST EGG—2 for 5 cts.; 25 cts. doz.; by mail, 35 cts. doz.



LEADER ALUMINUM LEG BANDS—Adjustable, and can be made in different sizes to fit the fowls.

No. 1—For small breeds.

No. 2—For large breeds, 15 cts. doz.; 100, 75 cts.

DOUBLE CLINCH ALUMINUM LEG BANDS—In all sizes from pigeons to largest fowls. Numbered consecutively from 1 to 100. Write what breed of fowls wanted for and we will send proper size. 15 cts. doz., 75 cts. 100.

Pumps and Devices for Spraying

AUTO SPRAY No. 1—Accepted as the standard in compressed air sprayers and fully guaranteed by the manufacturers. Useful in every variety of spraying, trees, crops, whitewash and disinfectants. Recommended not alone because of its durability, but of its efficiency, which is far ahead of any other machine of this style.

Auto Pop No. 1, the only self-cleaning nozzle and operates automatically.

A—Brass tank with stop cock.....	\$7.50	C—Galvanized tank with stop cock.....	\$5.00
B—Brass tank with Auto Pop No. 1....	8.00	D—Galvanized tank with Auto Pop No.1	5.50
Brass 2-ft. extension, per length.....			.50

THE "EASY" COMPRESSED AIR SPRAYER.

The only one of its kind on the market. Strong, durable and attractive.

Has a large and strong pump, Automatic shut-off nozzle, Legs under tanks. Can be used for whitewashing, disinfecting and cleaning chicken houses, and is very desirable for large gardens, etc. It is built of galvanized steel or brass as ordered. Holds one gallon. Each, \$2.25.

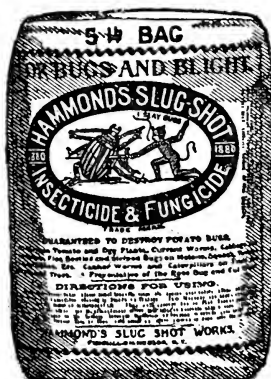
DRY POWDER DUSTER—This is for dusting Slug Shot, Bug Death, or any insecticide in a powdered state. Price, 60c.

GLASS TANK SPRAYER—Solution tank is a one-quart Mason Glass Fruit Jar. Price, 60 cts. each.

MIDGET HANDSPRAYER—For spraying house plants and fumigating. 1 pint size, 30 cts.

THE JUNIOR PUMP SPRAYER—A strong brass Spray Pump for use in buckets or barrels for whitewashing or spraying. Price, \$3.00.

Insecticides



KEROSENE EMULSION—Prepared according to the most improved formula; ready for use by simply adding water (25 to 50 quarts water to one of Emulsion). For cabbage worm, scale on trees, caterpillars, melon louse, rose bugs, green fly and lice of all kinds, all sucking insects, either on plants or animals. Price—1 qt., 30 cts.; 2 qts., 50 cts.; gal., 80 cts.; 5 gals., \$3.50.

HAMMOND'S SLUG SHOT—A very effective and one of the cheapest and best powders for destroying insects. 5 lb., pkg. 30 cts.; 100-lb. lots at 5 cts. per lb. Filled 1 lb. canisters, with perforated top ready for dusting on, 20 cts. each.

Pamphlet giving full information mailed on request.

HELLEBORE—For the destruction of slugs, worms, caterpillars, etc. Less poisonous than Paris Green and London Purple, and safer to use when fruits or vegetables are nearly ripe. Can be used as a powder or dissolved, 1 oz. in 3 gallons of water. Price— $\frac{1}{2}$ lb., 15 cts.; lb., 25 cts.

BUG DEATH—A safe and sure insect destroyer. Will not burn the vine or leaf. Promotes growth and increases yield. Harmless to animals. Safe to handle. Will not wash off. If desired, may be mixed with water, using $\frac{1}{4}$ pound Bug Death to 1 gallon water. Lb., 15 cts.; 3-lb. pkg., 35 cts.; 5 lbs., 50 cts.; 12 $\frac{1}{2}$ lbs., \$1.00; 100-lb. keg, \$7.50.

SULPHUR—To be used on Irish potatoes when planting. 8 cts. per lb.; 10 lbs. or over, at 5 cts. per lb. Barrel prices on application.

WHALE OIL SOAP—Makes an excellent wash for trees and plants where insects and eggs affect the bark, and for smearing on the trunks of trees to prevent worms from crawling up. Lb., 15 cts.



BORDEAUX MIXTURE—To be diluted 25 or 30 times with water and sprayed. A superb article; ready for immediate use. Works freely without clogging in any spraying machine. In pulp. Qt., 30 cts.; gal., 80 cts.; 5 gal., \$3.75.

PARIS GREEN—Is effectual for destroying potato bugs and other insects. Is a very strong poison, and should be used carefully. Mix 1 lb. Paris Green to 50 lbs. of plaster or with water 150 gallons. $\frac{1}{4}$ lb., 10 cts.; $\frac{1}{2}$ lb., 15 cts.; 1 lb., 25 cts.; 5-lb. pkg., at 23 cts. lb.

LEMON OIL INSECTICIDE—For destroying mildew and insects on house plants, poultry and pet stock. $\frac{1}{2}$ pt., can 25 cts.; 1 qt., can 40 cts.

LIME AND SULPHUR WASH—For spraying fruit trees and all nursery stock. For destroying San Jose scale and other diseases and insects. Qt., 25 cts.; gal., 75 cts.; 5 gal., \$2.25; 10 gal., \$3.75.

ARSENATE OF LEAD—For destroying insects and diseases on vegetables and shrubs. Lb., 20 cts.; 5 lb., 90 cts.; 12 $\frac{1}{2}$ lbs., \$2.00.



Pat. March 16 and Nov. 9, 1897.

TOBACCO DUST—A good insecticide to dust on melons and all vegetables plant to destroy insects. It also acts as a fertilizer. 10 lbs., 25 cts.; 100 lbs., \$1.75.

Sundry Articles for the Gardener's Use

BARKER'S WEEDER AND MULCHER—This hand weeder is made on the order of a roller, and cuts every sprig of grass and weeds and mulches and pulverizes the ground at one operation. Especially recommended for cultivation onions and other small vegetables. 6 in. width, \$5.00; 8 $\frac{1}{2}$ in. width, \$5.50; 11 in. width, \$6.00.

JUTE TWINE for bunching vegetables, tying up tomatoes, grape vines, etc., 2 ply or 3-ply, 15 cts.; 5 lbs. and over, at 12 cts.

HOT BED SASH—Open sash (without glass), yellow pine, grooved, 90 cts. each. Cypress, grooved, or rabbited, \$1.00 each.

GLASS FOR HOT BED—Per box, of 150 lights 6x8, \$2.50; per box of 90 lights, 8x10, \$2.50.

BERRY BASKETS—1,000 to the crate, qt. size, \$3.75 per 1,000; pint size, \$3.75 per 1,000.

FOUR QUART PEACH BASKETS—Per 100, \$1.25; 1,000, \$10.00.

ASPARAGUS KNIVES—40 cts. each.

PRUNING SHEARS OR SNIPS—60 cts. each.

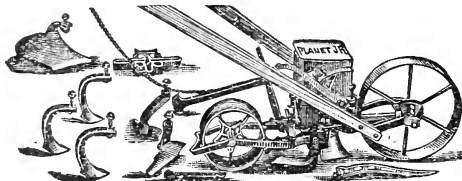


Planet Jr. Garden Tools



The New "PLANET JR." Catalogue is the handsomest, best and most instructive book ever issued on a similar subject. Full of little points that bring profit. Full of true and handsome illustrations. We mail it free to any address on application.

No. 4 PLANET JR. COMBINED HILL AND DRILL SEEDER, WHEEL HOE, CULTIVATOR AND PLOW.



Price Complete, \$10.50. Weight, 53 lbs.
As a Seeder Only, \$8.50. Holds 2½ Quarts of Seed.

This tool combines, in a single convenient implement, a capital hill-dropping seeder, a continuous row seeder, an admirable single wheel hoe, an excellent furrower, a capital wheel cultivator and a rapid and efficient wheel garden plow.

No. 11 PLANET JR. DOUBLE WHEEL HOE, CULTIVATOR, PLOW AND RAKE.



Steel Frame.

Price with Attachments as in cut, \$8.50.
Weight packed, 39 lbs.

The hoes are the most valuable of all the wheel hoe attachments; are oil tempered and polished. Use the 4-inch for 6, 10 or 12-inch rows; the 6-inch, for rows 12 inches and upwards.

The plows are invaluable; use them with points together for opening furrows for manure, seed, etc.; then exchange sides for covering; use them also for plowing away from or toward the crop, both sides at once.

The cultivating teeth for deep or shallow work, and for marking out.

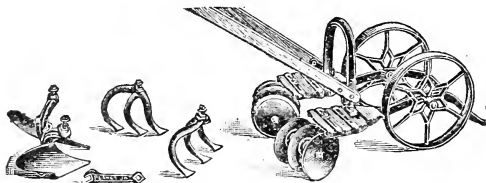
Leaf lifters save time and enable fine work to be done close to the row without additional labor, when plants are large or leaves are flat on the ground.

No. 12 DOUBLE WHEEL HOE, CULTIVATOR AND PLOW.

Price, \$6.50. Weight, 34 lbs.

This tool is identical with No. 11 Wheel Hoe, except that it has one pair plows, one pair hoes, two pairs cultivator teeth and a pair of leaf lifters only, and is sold at a correspondingly less price. The tools sold with No. 12 are what gardeners use most, and the others can be added as wanted.

No. 14 PLANET JR. DOUBLE WHEEL DISC HOE, CULTIVATOR AND PLOW.



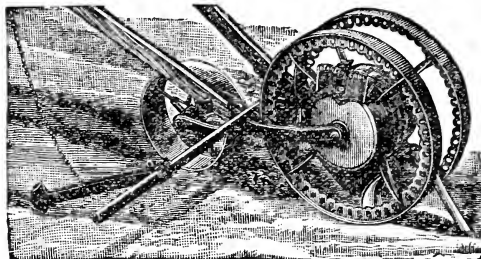
Steel Frame.

Price, with Attachments, as in cut, \$7.50.
Weight, 38 lbs.

This new tool will give excellent satisfaction; is especially pleasing to all who work peat lands. There are three oil tempered discs on each side. The frame is steel.

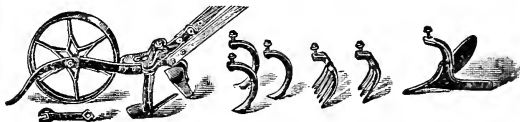
The set of prong cultivator teeth are constructed on entirely new lines, and will be found invaluable in general cultivation. The plows are the regular Planet Jr. model and are continually valuable for furrowing, covering and plowing.

No. 2 PLANET JR. DRILL SEEDER.



Price, \$7.00. Holds 3 Quarts. Weight, packed 37 lbs.
The No. 2 is one of the first really good seed drills ever made in the United States. It has given excellent satisfaction for thirty years, and continues to do so, to-day.

No. 16 PLANET JR. SINGLE WHEEL HOE, CULTIVATOR, RAKE AND PLOW.



Steel Frame.

Price, \$5.35. Weight, 25 lbs.

We offer these Single Wheel Hoes as the highest type of their class. They have a great variety of tools which adapt the implements to a large variety of work, and there is scarcely any garden culture of which they are not capable.

Nos. 16 and 17 wheels, frames and handles are alike, but the attachments sold with each vary.

The handles are adjustable in height. The frame is steel, convenient and strong with quick change device by which to exchange the tools without removing the nuts.

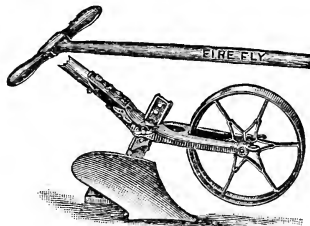
All our wheel hoe tools are of a special pattern, carefully tested by practical men; no others ever offered compare with them. All the steel parts are high carbon steel, oil tempered, finely formed, finished and polished and work to a charm.

No. 17 PLANET JR. SINGLE WHEEL HOE.

Price, \$4.50. Weight, 23 lbs.

You can do more and better hoeing with it in one day than you can do in three days with a hand hoe. The No. 17 has a pair of 6-inch hoes, a plow and a set of cultivator teeth, an outfit sufficient for most garden work.

FIRE-FLY GARDEN PLOW.



Price, \$2.25. Packed, weight 14 lbs.

This tool is exceedingly useful to owners of small gardens. It will throw a furrow four to six inches wide and one to three inches deep. Furrows for manure or seeds can be opened and covered. In cultivating, plow away, weed and plow back again. This tool will enable a busy man to do in his spare minutes nearly all the work of a family garden. Chicken raisers find it of great advantage in plowing up their scratching yards.

Diggs & Beadles' High-Grade Fertilizers

We have these brands manufactured especially to meet the requirements of the different crops for which they are recommended. We believe in the liberal use of Potash, and have kept this in mind in the manufacture of these special brands.

Our sales on D. & B.'s brands are increasing yearly, which is conclusive proof of their sterling merit. Our customers who once use these brands are always sure to use them again. We recommend them with utmost confidence.

DIGGS & BEADLES' HIGH GRADE SPECIAL FOR VEGETABLES.

This is our complete high grade fertilizer for cabbage, early potatoes and all vegetables requiring a quick and strong plant food. It has proven to be one of the best fertilizers for early crops. It does not fire or burn the crops, as some other high grade goods.

GUARANTEED ANALYSIS.

Phosphoric acid available.....8 to 10 per cent.
Ammonia6 to 7 per cent.
Potash7 to 8 per cent.
Per 200 lb. sack, **\$4.10**; per ton, **\$40.00**.

DIGGS & BEADLES' POTATO AND BERRY GROWER.

In this brand we have a complete, well balanced fertilizer for potatoes and berries, and it is one that will fill a long-felt want. It is intended for either early or late potatoes. It has just the required nitrogen to force the growth and make vigorous vines, and a larger per cent. of potash to mature the crop. We also recommend it highly for top-dressing berries in the spring. It will produce a good growth of vines and greatly increase the yield of berries.

GUARANTEED ANALYSIS.

Phosphoric acid available.....8 to 10 per cent.
Ammonia5 to 6 per cent.
Potash8 to 9 per cent.
Per 200 lb. sack, **\$3.90**; per ton, **\$38.00**.

DIGGS & BEADLES' GRAIN GROWER

An excellent Fertilizer at a moderate price, for corn and other grain and grass crops, field peas and beans.

GUARANTEED ANALYSIS.

Phosphoric acid available.....8 to 10 per cent.
Ammonia1¼ to 2 per cent.
Potash2 to 3 per cent.
Per 200 lb. sack, **\$2.10**; per ton, **\$20.00**.

DIGGS & BEADLES' VINE AND VEGETABLE GROWER.

In this brand we have one of the best moderate price fertilizers that can be had for all vegetables, especially vine crops and tobacco, and it will not fire the crop during droughts as some other brands. Our sales on this brand has increased enormously every year since we first put it on the market.

GUARANTEED ANALYSIS.

Phosphoric acid available.....8 to 10 per cent.
Ammonia3 to 4 per cent.
Potash4 to 5 per cent.
Per 200 lb. sack, **\$2.90**; per ton, **\$28.00**.

DIGGS & BEADLES GARDEN GUANO

This is a complete fertilizer at a moderate price. It is suitable for all vegetable crops, as well as field crops. Only regulate the quantity used by the condition of the soil, and the crop it is used on, viz., cabbage and potatoes would require twice as much as would corn or peas. For the convenience of small gardeners, and farmers who do not need 200 pounds we have this put up also in 100 lb. sacks.

GUARANTEED ANALYSIS.

Phosphoric acid available.....8 to 10 per cent.
Ammonia2 to 3 per cent.
Potash3 to 4 per cent.
Per 100 lb. sacks, **\$1.35**; per 200 lb. sacks, **\$2.50**;
per ton, in 200 lb. sacks, **\$24.00**.

Baugh's Pure Ground Bone Meal

GUARANTEED ANALYSIS.

Phosphoric acid available.....23 per cent.
Ammonia4½ per cent.
Per 200 lb. sack, **\$3.60**; per ton, **\$35.00**.

Virginia-Carolina Chemical Company's Standard Brands of Fertilizers

VIRGINIA TRUCKERS.

A high grade Vegetable Fertilizer, especially recommended for Irish potatoes and other quick growing crops.

GUARANTEED ANALYSIS.

Phosphoric acid available.....8 to 10 per cent.
Ammonia5 to 6 per cent.
Potash5 to 6 per cent.
Per 200 lb. sack, **\$3.60**; per ton, **\$35.00**.

CAPITAL TRUCK.

A reliable fertilizer for all vegetables.

GUARANTEED ANALYSIS.

Phosphoric acid available.....8 to 10 per cent.
Ammonia4 to 5 per cent.
Potash3 to 4 per cent.
Per 200 lb. sack, **\$3.10**; per ton, **\$30.00**.

OLD DOMINION SWEET POTATO.

Especially recommended for Irish and Sweet Potatoes. Also good for other vegetable crops.

GUARANTEED ANALYSIS.

Phosphoric acid available.....6 to 8 per cent.
Ammonia2 to 3 per cent.
Potash6 to 8 per cent.
Per 200 lb. sack, **\$2.70**; per ton, **\$26.00**.

STAR BRAND SPECIAL TOBACCO.

Is a splendid Fertilizer and especially recommended for Tobacco.

GUARANTEED ANALYSIS.

Phosphoric acid available.....9 to 11 per cent.
Ammonia.....2¾ to 3½ per cent.
Potash2 to 3 per cent.
Per 200 lb. sack, **\$2.60**; per ton, **\$25.00**.

EUREKA AMMONIATED BONE.

One of the best moderate price Fertilizers for grain and grass crops.

GUARANTEED ANALYSIS.

Phosphoric acid available.....8 to 10 per cent.
Ammonia2 to 3 per cent.
Potash2 to 3 per cent.
Per 200 lb. sack, **\$2.35**; per ton, **\$22.50**.

BEEF, BLOOD AND BONE.

A well-known brand of Fertilizer, recommended for corn, field peas, beans, millets, oats and fodder plants.

GUARANTEED ANALYSIS.

Phosphoric acid available.....8½ to 10 per cent.
Ammonia2 to 3 per cent.
Potash1 to 2 per cent.
Per 200 lb. sack, **\$2.30**; per ton, **\$22.00**.

STAR BRAND VEGETABLE.

A well-known Vegetable Fertilizer for peas, tomatoes, melons and all vine crops.

GUARANTEED ANALYSIS.

Phosphoric acid available.....8 to 10 per cent.
Ammonia4½ to 5½ per cent.
Potash4 to 5 per cent.
Per 200 lb. sack, **\$3.40**; per ton, **\$33.00**.

PURE RAW-BONE MEAL.

Especially recommended for small fruits, grain, grass and clover, and is a permanent soil improver.

GUARANTEED ANALYSIS.

Phosphoric acid available.....22½ per cent.
Ammonia4½ per cent.
Per 200 lb. sack, **\$3.60**; per ton, **\$35.00**.

LITTLE GIANT GRAIN AND GRASS GROWER.

Recommended for all kinds of grain, grass, corn and pea crops.

GUARANTEED ANALYSIS.

Phosphoric acid available.....8 to 10 per cent.
Ammonia1.20 to 2 per cent.
Potash2 to 3 per cent.
Per 200 lb. sack, **\$2.10**; per ton, **\$20.00**.

V. - C. SPECIAL POTASH MIXTURE.

For grain and grass crops.

GUARANTEED ANALYSIS.

Phosphoric acid available.....10 to 12 per cent.
Potash.....4 to 5 per cent.
Per 200 lb. sack, **\$1.70**; per ton, **\$16.00**.

SIXTEEN PER CENT. ACID PHOSPHATE.

Per 200 lb. sack, **\$1.50**; per ton, **\$14.50**.

MURATE OF POTASH—Per 200 lb. sack, **\$5.50**; per ton, **\$50.00**.

SULPHATE OF POTASH—Per 200 lb. sack, **\$6.00**; per ton, **\$55.00**.

KANIT—Per 200 lb. sack, **\$1.35**; per ton, **\$12.50**.

NITRATE OF SODA—Per lb., 5 cts.; 25 lbs., at 4 cts.; 100 lbs., **\$3.25**; 200 lb. sack, **\$6.00**; ton, **\$55.00**.

LAND PLASTER—Per 200 lb. sack, 75 cts.; per ton, **\$7.00**.

LEE'S PREPARED AGRICULTURAL LIME—For cotton, corn, peanuts, tobacco, grain and grass crops. Per 200 lb. sack, **\$1.20**; per ton, **\$11.00**.

SHELL LIME—Per ton, **\$6.00**; special price in car lots.

Swift's Bone Fertilizers

We are the authorized agents for Swift's High Grade Fertilizers, and we highly recommend them to all wanting a complete Fertilizer made from a Bone Basis. Our customers who have used these goods are loud in their praise of them. The goods are put up dry and light and drill perfectly.

SWIFT'S POTATO AND TOMATO GROWER.

A High Grade Fertilizer, particularly valuable for crops or soils needing much potash.

GUARANTEED ANALYSIS.

Phosphoric acid available..... 6 to 8 per cent.
Ammonia 4 to 5 per cent.
Potash 10 to 12 per cent.

Price, per 200 lb. sack, \$3.80; per ton, \$37.00.

SWIFT'S POTATO AND TOBACCO GROWER.

A complete High Grade Fertilizer for potatoes and all vegetables.

GUARANTEED ANALYSIS.

Phosphoric acid available..... 10 to 12 per cent.
Ammonia 4 to 5 per cent.
Potash 5 to 6 per cent.

Price, per 200 lb. sack, \$3.60; per ton, \$35.00.

SWIFT'S GOLDEN GRAIN GROWER.

A splendid Fertilizer for all grain crops.

GUARANTEED ANALYSIS.

Phosphoric acid available..... 8 to 10 per cent.
Ammonia 2 to 3 per cent.
Potash 5 to 6 per cent.

Per 200 lb. sack, \$2.60; per ton, \$25.00.

SWIFT'S ONION, POTATO AND TOBACCO GROWER.

A complete vegetable Fertilizer where much ammonia is not required.

GUARANTEED ANALYSIS.

Phosphoric acid available..... 8 to 10 per cent.
Ammonia 2 to 3 per cent.
Potash 7 to 8 per cent.

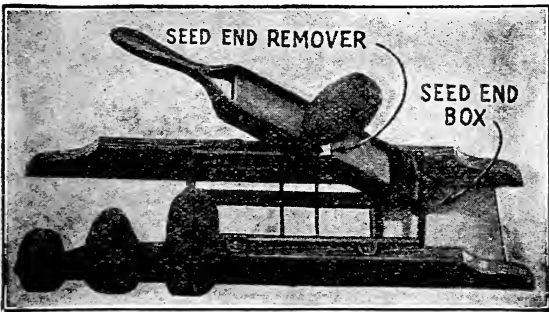
Price, per 200 lb. sack, \$3.10; per ton, \$30.00.

SWIFT'S SPECIAL BONE MEAL.

GUARANTEED ANALYSIS.

Phosphoric acid available..... 23 per cent.
Ammonia 4½ per cent.

Per 200 lb. sack, \$3.60; per ton, \$35.00.



A GOOD AND USEFUL LABOR SAVER CROWDED OUT OF ITS PLACE.

Gem Seed Potato Cutter

The construction of this Potato Cutter is very simple and is built for accuracy as well as convenience. It is strong and durable. The knives are of good quality steel and are fit to grooves in the frame, making them easy to remove if necessary. It will cut any size potato in pieces, thereby assuring more accurate planting when power planting is used. From 6 to 8 bushels can be cut by it in an hour. The time and labor saved will more than pay for it the first time it is used, and it will fill a long felt want with potato growers. Pamphlet free on request. Price, \$2.50.

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Planting, Maturity and Weight Table

This is for field planting, and where plants and roots are stated, it is necessary to have them ready beforehand. The third column indicates the distance that the plants should stand in the rows, and where seed is sown they should be thinned out to this distance. The fifth column indicates maturity from the time plants are planted in the field, or seed is sown in the field. Also note that the last column is the approximate weight of seeds and not products. Time of planting and maturity is for latitude of Richmond,

VARIETY.	Time to Sow or Plant.	Distance of Rows Apart.	Distance of Plants in Rows.	Quantity to Sow or Plant Per Acre.	Ready to Use.	No. of lbs. of Seed Per Bu.
Artichokes—Tubers	Mch. and Apr.	3 ft.	18 in.	6 to 8 bus.	Oct.	50 lbs.
Asparagus—Seed	Mch. and Apr.	18 in.	4 in.	8 to 10 lbs.	3 years	60 lbs.
Asparagus—Roots	Feb., Mch. and Nov.					
Beans—Dwarf Snap	Apr. to Sept.	6 to 8 ft.	12 to 15 in.	4,000 to 7,000	2 years	.....
Beans—Dwarf Lima	May, June and July	2½ to 3 ft.	3 to 6 in.	1 bu.	8 Weeks	60 lbs.
Beans—Pole	May and June	3 ft.	18 in. to 2 ft.	¼ to ½ bu.	10 Weeks	60 lbs.
Beans—Navy	June and July	4 ft.	3 ft.	1 Peck	10 Weeks	60 lbs.
Beans—Soja (In drills)	May and June	2½ to 3 ft.	12 in.	¼ to ½ bu.	Oct.	60 lbs.
Beans—Soja	May and June	3 ft.	6 to 12 in.	½ bu.	Sept.	60 lbs.
Barley	Aug. to Nov.	Broadcast	Broadcast	1 to 1½ bu.	Sept.	60 lbs.
Beets—Table	Feb. to Aug.	1½ to 2 ft.	Broadcast	1 to 1½ bu.	June	48 lbs.
Beets—Stock	Apr., May, June	2½ to 3 ft.	4 in.	6 to 8 lbs.	2 Months	20 lbs.
Buckwheat	June to Aug. 15th	Broadcast	Broadcast	5 to 6 lbs.	Oct.	20 lbs.
Cabbage Seed—(Early)	Feb., Mch., Apr. and Sept.	Broadcast	Broadcast	¾ to 1 bu.	Oct.	48 lbs.
Cabbage Seed—(Late)	May, June, July	Broadcast	Broadcast	8 ozs.	May, June, July	54 lbs.
Cabbage Plants—(Early)	Mch., April, Nov.	3 ft.	18 in.	6 ozs.	Oct. and Nov.	54 lbs.
Cabbage Plants—(Late)	July and Aug.	3 to 3½ ft.	2 to 3 ft.	8,000 to 10,000	May, Jun., July	.....
Carrot	Mch. to June	2 ft.	3 to 4 in.	6,000 to 8,000	Oct. and Nov.	.....
Celery—Seed	Feb. and Mch.	1½ to 2 ft.	2 to 4 in.	3 to 4 lbs.	60 days	28 lbs.
Celery—Plants	July and Aug.	4 ft.	6 to 12 in.	3 lbs.	Nov.	37 lbs.
Clover—Red and Mammoth	Feb., Mch. and July to Nov. 1	Broadcast	Broadcast	15,000 to 25,000	Nov.	.....
Clover—Alsike	Feb., Mch. and July to Nov. 1	Broadcast	Broadcast	10 to 12 lbs.	June of next year	60 lbs.
Clover—Alfalfa	Feb., Mch. and Aug. to Nov. 1	Broadcast	Broadcast	8 to 10 lbs.	June of next year	60 lbs.
Clover—Crimson	July to Nov.	Broadcast	Broadcast	25 lbs.	May of next year	60 lbs.
Corn—Garden	Apr. to July 10	3 to 3½ ft.	12 to 18 in.	20 lbs.	May of next year	60 lbs.
Corn—Field (drills)	Apr. to July 1	3½ to 4½ ft.	12 to 18 in.	4 to 8 qts.	2 to 3 months	44 to 56
Corn—Field (checked)	Apr. to July 1	3½ to 4 ft.	12 to 18 in.	6 to 8 qts.	4 months	56 lbs.
Cucumber	Apr. to July	4 to 5 ft.	3½ to 4 ft.	4 to 6 qts.	3 to 4 months	56 lbs.
Egg Plant—Seed	Feb. and Mch.	Broadcast	Broadcast	2 to 3 lbs.	2½ months	40 lbs.
Egg Plants	May and June	3 ft.	3 ft.	6 ozs.	3 to 4 months	40 lbs.
Grass Seed (Light)	Feb. to Apr. 10	Broadcast	Broadcast	5,000 to 6,000	60 days	.....
Grass Seed—(Timothy)	*Feb. and Mch.	Broadcast	Broadcast	2 bus.	June of next year	14 lbs.
Grass Seed—(Lawn)	*Feb. and Mch.	Broadcast	Broadcast	15 lbs.	July of next year	45 lbs.
Kale—Spring	*Feb. to May 1	Broadcast	Broadcast	60 to 80 lbs.	8 to 10 weeks	20 lbs.
Kale—Winter	Aug. to Nov.	Broadcast	Broadcast	8 to 10 lbs.	4 to 6 weeks	56 lbs.
Lettuce—Seed	Feb. to May	Broadcast	Broadcast	3 to 4 lbs.	Nov.	54 lbs.
Lettuce—Plants	Feb. to June and Aug. to Nov.	18 to 24 in.	8 to 12 in.	1 lbs.	2 to 3 months	35 lbs.
Muskmelon or Cantaloupe	May and June	4 to 6 ft.	4 to 6 ft.	20,000 to 40,000	2 months	.....
Melon—Water	May and June	8 to 10 ft.	4 to 6 ft.	2 lbs.	2½ to 3 months	32 lbs.
Millet—German	May to Aug. 1	Broadcast	Broadcast	2 lbs.	3 months	32 lbs.
Oats—Spring	Mch. and Apr.	Broadcast	Broadcast	1 to 1½ bus.	30 days	50 lbs.
Oats—Winter	Aug., Sept., Oct.	Broadcast	Broadcast	1½ to 2 bus.	July 1st	32 lbs.
Okra	Apr. and May	2½ to 3 ft.	8 to 10 in.	2 bus.	Jun. 20 to July 1	32 lbs.
Onions—For large bulbs	Mch. and Apr.	15 to 24 in.	3 in.	8 to 10 lbs.	60 days	48 lbs.
Onions—For sets	Mch. and Apr.	12 to 18 in.	.....	4 to 5 lbs.	July and Aug.	40 lbs.
Onion—Sets	Feb. to May and Sep. and Oct.	18 to 24 in.	4 in.	30 to 40 lbs.	July and Aug.	40 lbs.
Parsnips	Mch. and Apr.	1½ to 2 ft.	4 in.	5 to 10 bus.	May and June	32 lbs.
Peanuts	May and June	3 ft.	15 to 18 in.	5 to 7 lbs.	Oct.	18 lbs.
Peas—Garden Smooth	Feb. to May	3 ft.	15 to 18 in.	1 bu. to 1½ bus.	Nov.	22 lbs.
Peas—Garden Wrinkled	Mch. to May	3 ft.	15 to 18 in.	1½ to 2 bus.	8 weeks	60 lbs.
Peas—Canada Field	Feb. to May and in Nov.	Broadcast	Broadcast	1½ to 2 bus.	8 to 10 weeks	56 lbs.
Peas—Cow	May to Aug. 1	Broadcast	Broadcast	1½ bus.	June	60 lbs.
Pepper—Seed	Feb. and Mch.	Broadcast	Broadcast	1½ bus.	3 months	60 lbs.
Pepper—Plants	May and June	30 in.	18 in.	6 oz.	July and Aug.	28 lbs.
Potatoes—Early	Mch. and Apr.	2½ to 3 ft.	15 to 18 in.	10,000 to 14,000	July and Aug.	.....
Potatoes—Late	June and July	2½ to 3 ft.	15 to 18 in.	8 to 12 bus.	June and July	60 lbs.
Potatoes—Sweet Plants	May 10, June 15	3 ft.	18 to 24 in.	8 to 12 bus.	Oct. to Nov.	60 lbs.
Pumpkin	May and June	8 to 10 ft.	8 to 10 ft.	7,000 to 8,000	Sept.	.....
Radish	Feb. to May and Aug. and Sept.	Broadcast	Broadcast	2 lbs.	Oct.	24 lbs.
Rape	Feb. to Oct.	Broadcast	Broadcast	20 lbs.	24 to 40 days	50 lbs.
Rye	Aug. to Dec.	Broadcast	Broadcast	8 to 10 bls.	6 to 8 weeks	56 lbs.
Salsify	Mch. to May 10	1½ to 2 ft.	Broadcast	1 to 1½ bus.	June	56 lbs.
Sorghum—For Fodder	May and June	Broadcast	Broadcast	3 to 4 in.	Oct.	18 lbs.
Sorghum—(In drills)	May and June	3 ft.	Broadcast	1½ to 2 bus.	Sept. and Oct.	50 lbs.
Spinach—(In drills)	Feb., Mch., Apr. and Aug. to Nov.	15 to 18 in.	2 in.	1 peck	Nov.	50 lbs.
Spinach—(Broadcast)	Feb., Mch., Apr. and Aug. to Nov.	Broadcast	Broadcast	20 lbs.	60 days	48 lbs.
Squash	Apr., May, June	4 ft.	4 ft.	40 lbs.	60 days	48 lbs.
Teosinte	May and June	3 to 3½ ft.	8 to 10 in.	3 lbs.	July	26 lbs.
Tobacco—Plants	May and June	3 to 4 ft.	2 to 3 ft.	3 to 5 lbs.	Aug. to Oct.	46 lbs.
Tomato—Seed	Feb. to June	Broadcast	Broadcast	4,000 to 5,000	Sept. to Oct.	35 lbs.
Tomato—Plants	May to July	4 ft.	3 to 4 ft.	6 ozs.	Jun. 20 until Frost	20 lbs.
Turnip	July 1 to Sept. 15th	2 ft.	4 in.	2,800 to 4,000	Jun. 20 until frost	.....
Turnip—(Broadcast)	July 1 to Sept. 15	Broadcast	Broadcast	1 to 1½ bus.	1½ to 2 months	50 lbs.
Vetch—Winter	Aug. to Nov.	Broadcast	Broadcast	2 lbs.	2 months	56 lbs.
Wheat	Sept. to Nov. 15	Broadcast	Broadcast	50 lbs.	May of next year	50 lbs.
				1 to 2 bus.	June 20	60 lbs.

*Sept. and Oct.

[illegible]



D. & B.'s Finest Mixed Lawn Grass

We have made a careful study of the difficulties met with in making a permanent lawn, and the result of our efforts is this splendid mixture.

This special mixture is composed entirely of the very highest grade, and most suitable grasses, as respects color, texture and permanency.

It is far better than the Kentucky Blue Grass, as it produces beautiful green velvety sward in quicker time (which is in 6 to 8 weeks from time of sowing) and is of more permanent lasting qualities. It is better adapted to the various soils, and stands the heat and drought of summer as well as the severe cold better than any of the various mixtures so commonly offered.

That we have been successful in securing the most desirable combination is shown in the character of the fine lawns produced from this seed in our city parks, and in beautiful Hollywood and Oakwood cemeteries, as well as many country estates who use this mixture in very large quantities.

It should be kept in mind, when comparing prices, that this mixture is all of the choicest, cleanest and heaviest seeds; is entirely free from weed seeds, and weighs 20 pounds to the bushel, as compared with the legal weight of 14 pounds. Price, per pound, **25 cts.**; 5 lbs., **\$1.00**; per bushel of 20 lbs., **\$3.75**.

PREPARATION AND CARE OF LAWNS

The proper preparation of the ground in starting a new lawn is essential. This is too often neglected. The ground should be deeply ploughed, or spaded deep enough to leave a bed of loose earth 4 to 6 inches deep. This should be thoroughly pulverized and raked, removing all sticks, roots and stones. After getting the ground perfectly smooth, put on an application of Raw Bone Meal, at the rate of 5 pounds to the 300 square feet or 1,000 pounds to the acre. **DO NOT USE STABLE MANURE**; it is unsightly, and is also a hot-bed of weed seeds and worms (the very thing to be guarded against in laying a foundation for a lawn.) Sow the seeds at the rate of 1 pound to the 300 square feet, or about 18 feet each way, 4 bushels to the acre. The land should then be gone over with a heavy roller, or the seed raked in thoroughly with a small hand-rake. The best months for seeding a lawn are February, March, April or October. Let the grass get a start of 4 inches before cutting, as too early cutting retards growth; after this cut every ten days, and water thoroughly once a week in the evening is sufficient, watering every day has a tendency to keep the roots of the grass near the surface, and are likely to be burnt out by the hot midday sun.

I used your D. & B.'s Finest Mixed Lawn Grass 2 years ago. It has done so well I am going to use more.
It is real fine.

SURRY COUNTY, VA., March 6, 1912.

S. P. COMBS

ALBERT C. DIGGS, PRESIDENT
JOHN R. BEADLES, VICE-PRESIDENT
A. PERCY DIGGS, SECY AND TREAS.

ALL QUOTATIONS SUBJECT TO MARKET FLUCTUATIONS AND BEING
UNSOLD AND F. O. B. RICHMOND UNLESS OTHERWISE SPECIFIED.

REGISTERED CABLE ADDRESS
"DIGGSBY RICHMOND"
AMERICAN SEED TRADE ASSOCIATION CODE USED

GRASS and CLOVER SEEDS
GARDEN and FLOWER
SEEDS,
SEED GRAINS,
RAPE, VETCHES,
ALFALFA,
ONION SETS,
SEED POTATOES,
FIELD BEANS, COW PEAS,
FERTILIZERS,
POULTRY FOOD and
SUPPLIES.

Diggs & Beadles

INCORPORATED 1902

SEED MERCHANTS

1428 EAST MAIN STREET
RICHMOND, VA.

BRANCH STORES:
1709 EAST FRANKLIN STREET
603 and 605 E. MARSHALL ST.

TELEPHONE
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We wish to thank you for your request for our catalogue, and it affords us pleasure to send it herewith, and we feel sure you will find in it much of interest.

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